

Recent progress of molecular organic electroluminescence

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Fluorescence lifetime and nonradiative relaxation dynamics of DCM in nonpolar solvent. <i>Chemical Physics Letters</i> , 2003, 374, 110-118.	1.2	28
3	Interfacial chemistry of Sm with Alq ₃ and its implication to organic light-emitting devices. <i>Chemical Physics Letters</i> , 2003, 376, 90-95.	1.2	18
4	High-performance polymer-based electrophosphorescent light-emitting diodes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 2691-2705.	2.4	31
5	First Examples of Organophosphorus-Containing Materials for Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2003, 125, 9254-9255.	6.6	191
6	Electrical properties of organic materials. <i>Annual Reports on the Progress of Chemistry Section C</i> , 2003, 99, 87-125.	4.4	39
7	Benzo[a]aceanthrylene Derivatives for Red-Emitting Electroluminescent Materials. <i>Chemistry of Materials</i> , 2003, 15, 4854-4862.	3.2	45
8	Balanced Charge Injection and Singlet Exciton Quenching in Bilayer Organic Electroluminescent Devices. <i>Materials Research Society Symposia Proceedings</i> , 2003, 771, 4371.	0.1	4
9	Improvement in photorefractivity of a polymeric composite doped with the electron-injecting material Alq ₃ . <i>Journal of Optics</i> , 2004, 6, 890-893.	1.5	8
10	Nanoparticle-based microelectromechanical systems fabricated on plastic. <i>Applied Physics Letters</i> , 2004, 85, 6424-6426.	1.5	8
11	High-contrast organic light-emitting diodes. <i>Applied Physics Letters</i> , 2004, 84, 1207-1209.	1.5	79
12	Highly-efficient blue electroluminescence based on two emitter isomers. <i>Applied Physics Letters</i> , 2004, 84, 1513-1515.	1.5	81
13	A top-emission organic light-emitting diode with a silicon anode and an Sm-Au cathode. <i>Applied Physics Letters</i> , 2004, 85, 5406-5408.	1.5	50
14	Anode/organic interface modification by plasma polymerized fluorocarbon films. <i>Journal of Applied Physics</i> , 2004, 95, 4397-4403.	1.1	43
15	Evidence for alkali metal formation at a cathode interface of organic electroluminescent devices by thermal decomposition of alkali metal carboxylates during their vapor deposition. <i>Applied Physics Letters</i> , 2004, 85, 4774-4776.	1.5	16
16	Spatially-resolved electroluminescence of operating organic light-emitting diodes using conductive atomic force microscopy. <i>Applied Physics Letters</i> , 2004, 85, 344-346.	1.5	27
17	Anisotropic optical properties and molecular orientation in vacuum-deposited ter(9,9-diarylfuorene)s thin films using spectroscopic ellipsometry. <i>Journal of Applied Physics</i> , 2004, 95, 881-886.	1.1	151
18	Solution processable nanocomposites based on silsesquioxane cores for use in organic light emitting diodes (OLEDs). <i>Materials Research Society Symposia Proceedings</i> , 2004, 847, 269.	0.1	3
19	An efficient top-emitting electroluminescent device on metal-laminated plastic substrate. <i>Materials Research Society Symposia Proceedings</i> , 2004, 846, DD11.12.1.	0.1	0

#	ARTICLE	IF	CITATIONS
20	Evolution of Red Organic Light-Emitting Diodes: Materials and Devices. <i>Chemistry of Materials</i> , 2004, 16, 4389-4400.	3.2	734
21	Color Tuning in Benzo[1,2,5]thiadiazole-Based Small Molecules by Amino Conjugation/Deconjugation: Bright Red-Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2004, 14, 83-90.	7.8	331
22	Efficient Electron Injection from a Bilayer Cathode Consisting of Aluminum and Alcohol-/Water-Soluble Conjugated Polymers. <i>Advanced Materials</i> , 2004, 16, 1826-1830.	11.1	406
23	Poly(3-methylthiophene)-based photovoltaic devices prepared onto tin-oxide/sulfonated-polyaniline electrodes. <i>Electrochemistry Communications</i> , 2004, 6, 357-360.	2.3	21
24	Realization of an efficient top emission organic light-emitting device with novel electrodes. <i>Thin Solid Films</i> , 2004, 467, 201-208.	0.8	45
25	Photoelectron fine structures of uppermost valence band for well-characterized ClAl-phthalocyanine ultrathin film: UPS and MAES study. <i>Surface Science</i> , 2004, 566-568, 571-578.	0.8	48
26	Site-selective formation of N-arylmethylimidazoles and C-arylimines in the reaction of 4,5-diamino-2,1,3-benzothiadiazole with aromatic aldehydes. <i>Tetrahedron</i> , 2004, 60, 2953-2956.	1.0	3
27	Anthracene derivative for a non-doped blue-emitting organic electroluminescence device with both excellent color purity and high efficiency. <i>Chemical Physics Letters</i> , 2004, 397, 1-4.	1.2	78
28	Chemical states and electronic properties of the interface between aluminium and a photoluminescent conjugated copolymer containing europium complex. <i>Applied Surface Science</i> , 2004, 222, 399-408.	3.1	8
29	Electrical and Optical Simulation of Tris (8-hydroxyquinoline) Aluminium-Based Microcavity Organic Light Emitting Diode (MOLED). , 0, , .		1
30	Photoemission study of hole-injection enhancement in organic electroluminescent devices with Au/CFx anode. <i>Applied Physics Letters</i> , 2004, 84, 73-75.	1.5	25
31	Electronic Energy Levels of Organic Dyes on Silicon: A Photoelectron Spectroscopy Study of ZnPc, F16ZnPc, and ZnTPP on p-Si(111):H. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19398-19403.	1.2	54
32	Synthesis, Crystal Structure, and Luminescent Properties of a Binuclear Gallium Complex with Mixed Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 5096-5102.	1.9	65
33	New Carbazole~Oxadiazole Dyads for Electroluminescent Devices: Influence of Acceptor Substituents on Luminescent and Thermal Properties. <i>Chemistry of Materials</i> , 2004, 16, 5437-5444.	3.2	75
34	Effects of Substrate Temperature on the Properties of Alq3 Amorphous Layers Prepared by Vacuum Deposition. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 1631-1632.	0.8	6
35	Synthesis and characterization of spiro(adamantane-2,9-fluorene)-based triaryldiamines: thermally stable hole-transporting materials. <i>Synthetic Metals</i> , 2004, 143, 215-220.	2.1	19
36	Spirobifluorene-Linked Bisanthracene: An Efficient Blue Emitter with Pronounced Thermal Stability. <i>Chemistry of Materials</i> , 2004, 16, 930-934.	3.2	156
37	P-15: A New Pixel Design for Amorphous-Silicon Backplane of Active-Matrix Organic Light-Emitting Diode Displays. <i>Digest of Technical Papers SID International Symposium</i> , 2004, 35, 276.	0.1	4

#	ARTICLE	IF	CITATIONS
38	23.1: Efficient Electron Injection from Bilayer Cathode with High Work Function Metal. Digest of Technical Papers SID International Symposium, 2004, 35, 892.	0.1	0
39	Organic, polymer, and organic/inorganic hybrid light-emitting devices based on phosphorescent fluorinated platinum(II) porphyrin. , 2004, 5519, 218.		4
40	Optimization of organic light emitting diode structures. , 2004, 5277, 311.		4
41	Thin organic heterostructures deposited via organic vapor phase deposition: spectroscopic ellipsometry characterization. Journal of Crystal Growth, 2005, 275, e1035-e1040.	0.7	8
42	PMMAâ€“Ta2O5 bilayer gate dielectric for low operating voltage organic FETs. Organic Electronics, 2005, 6, 78-84.	1.4	87
43	High-efficiency electron injection cathode of Au for polymer light-emitting devices. Organic Electronics, 2005, 6, 118-128.	1.4	140
44	Electrophosphorescent divalent osmium and ruthenium complexes: A density functional theory investigation of their electronic and spectroscopic properties. Computational and Theoretical Chemistry, 2005, 717, 179-187.	1.5	24
45	Effect of the interface morphology on the fill factor of plastic solar cells. Thin Solid Films, 2005, 493, 273-277.	0.8	29
46	Properties of SiO N thin film deposited by low temperature plasma enhanced chemical vapor deposition using TEOSâ€“NH3â€“O2â€“N2 gas mixtures. Surface and Coatings Technology, 2005, 200, 680-685.	2.2	14
47	Transport and recombination in organic light-emitting diodes studied by electrically detected magnetic resonance. European Physical Journal E, 2005, 18, 21-28.	0.7	26
48	Rare-earth beta-diketonates. Fundamental Theories of Physics, 2005, 35, 107-272.	0.1	323
49	Red-Emitting Fluorenes as Efficient Emitting Hosts for Non-Doped, Organic Red-Light-Emitting Diodes. Advanced Functional Materials, 2005, 15, 231-238.	7.8	234
50	Rational Color Tuning and Luminescent Properties of Functionalized Boron-Containing 2-Pyridyl Pyrrolide Complexes. Advanced Functional Materials, 2005, 15, 567-574.	7.8	113
51	Organic Solid Solutions: Formation and Applications in Organic Light-Emitting Diodes. Advanced Functional Materials, 2005, 15, 1781-1786.	7.8	30
52	1-Methyl-2-(anthryl)-imidazo[4,5-f][1,10]-phenanthroline: A Highly Efficient Electron-Transport Compound and a Bright Blue-Light Emitter for Electroluminescent Devices. Advanced Functional Materials, 2005, 15, 1483-1487.	7.8	40
53	Highly Efficient Non-Doped Blue Organic Light-Emitting Diodes Based on Fluorene Derivatives with High Thermal Stability. Advanced Functional Materials, 2005, 15, 1716-1721.	7.8	276
54	Electrochemical Interface Doping in Organic Light Emitting Field Effect Transistors. Advanced Engineering Materials, 2005, 7, 957-960.	1.6	12
55	New Spiro-Functionalized Polyfluorenes: Synthesis and Properties. Macromolecular Chemistry and Physics, 2005, 206, 448-455.	1.1	31

#	ARTICLE	IF	CITATIONS
56	Spectroscopic ellipsometric characterization of organic films obtained via organic vapor phase deposition. Applied Physics A: Materials Science and Processing, 2005, 80, 551-555.	1.1	29
57	Large magnetoresistance at room-temperature in small-molecular-weight organic semiconductor sandwich devices. Solid State Communications, 2005, 134, 631-636.	0.9	106
58	Blue electroluminescent devices based on a trimeric phenylvinylene derivative as emitting layer. Thin Solid Films, 2005, 492, 275-278.	0.8	2
59	Nanocomposite hole injection layer for organic device applications. Thin Solid Films, 2005, 492, 253-258.	0.8	59
60	Two-photon-induced fluorescence and electronic structure of substituted dicyanomethylene pyrans in solutions under femtosecond excitation. Russian Physics Journal, 2005, 48, 1182-1187.	0.2	3
62	Reduction of Concentration Quenching in a Nondoped DCM Organic Light-Emitting Diode. Chinese Physics Letters, 2005, 22, 1536-1539.	1.3	14
63	Organic quantum well light emitting diodes. , 2005, , .		1
64	A Novel Efficient Blue Organic Light Emitting Structure. Materials Science Forum, 2005, 475-479, 3677-3680.	0.3	2
65	Cavity design and optimization for organic microcavity OLEDs. , 2005, , .		3
66	Influence of doping location and width of dimethylquinacridone on the performance of organic light emitting devices. Journal Physics D: Applied Physics, 2005, 38, 392-396.	1.3	11
67	Phosphorescence Decay Process of Ir(ppy) ₃ : Temperature Dependence of Decay Time. Japanese Journal of Applied Physics, 2005, 44, 591-595.	0.8	15
68	Temperature dependence of phosphorescence intensity and lifetime of tris(2-phenylpyridine) iridium doped in the fluorescent material TDP. Physical Review B, 2005, 72, .	1.1	7
69	White organic light-emitting diodes prepared by a fused organic solid solution method. Applied Physics Letters, 2005, 86, 073510.	1.5	94
70	High peak luminance of molecularly dye-doped organic light-emitting diodes under intense voltage pulses. Journal of Applied Physics, 2005, 98, 044506.	1.1	15
71	Stability of tris(8-hydroxyquinoline)-aluminum(III) films investigated by vacuum ultraviolet spectroscopic ellipsometry. Applied Physics Letters, 2005, 86, 111907.	1.5	8
72	Transient quantum yield evolution of organic light-emitting devices submitted to low-level excitation: A photon counting investigation. Applied Physics Letters, 2005, 87, 101907.	1.5	2
73	Efficiency enhancement of 1,1,2,3,4,5-hexaphenylsilole-based organic light-emitting diodes by post-packaging annealing. , 2005, , .		0
74	Power Effects in Indium-Zinc Oxide Thin Films for OLEDs on Flexible Applications. Journal of the Electrochemical Society, 2005, 152, G57.	1.3	29

#	ARTICLE	IF	CITATIONS
75	Spectroscopic Ellipsometry of the Optical Functions of Some Widely Used Organic Light Emitting Diodes (OLEDs) Materials.. Materials Research Society Symposia Proceedings, 2005, 871, 1.	0.1	1
76	Characterization for Organic Solid Solution and Formation of Organic Electronics. Materials Research Society Symposia Proceedings, 2005, 871, 1.	0.1	0
77	Single-Walled Carbon Nanotube Composites as Hole Injection Layer for Organic Light Emitting Diode Applications. Materials Research Society Symposia Proceedings, 2005, 871, 1.	0.1	2
78	Line-on-Line Coincidence: A New Type of Epitaxy Found in Organic-Organic Heterolayers. Physical Review Letters, 2005, 94, 056104.	2.9	99
79	Toward Novel Flexible Display - Top-Emitting OLEDs on Al-Laminated PET Substrates. Proceedings of the IEEE, 2005, 93, 1440-1446.	16.4	7
80	Robust Polyaromatic Octasilsesquioxanes from Polybromophenylsilsesquioxanes, BrxOPS, via Suzuki Coupling. Macromolecules, 2005, 38, 4661-4665.	2.2	60
81	Synthesis, thermal, electrochemical, and photophysical characterization of 1,5-bis(diarylamino)naphthalene derivatives as potential hole transport OLED materials. Canadian Journal of Chemistry, 2005, 83, 958-968.	0.6	7
82	Borazine materials for organic optoelectronic applications. Chemical Communications, 2005, , 3547.	2.2	33
83	Novel distyrylcarbazole derivatives as hole-transporting blue emitters for electroluminescent devices. Journal of Materials Chemistry, 2005, 15, 4753.	6.7	48
84	Growth of crystalline rubrene films with enhanced stability. Physical Chemistry Chemical Physics, 2005, 7, 2850.	1.3	165
85	Heck coupling of haloaromatics with octavinylsilsesquioxane: solution processable nanocomposites for application in electroluminescent devices. Chemical Communications, 2005, , 3700.	2.2	90
86	Deposition of SiO ₂ by Plasma Enhanced Chemical Vapor Deposition as the Diffusion Barrier to Polymer Substrates. Japanese Journal of Applied Physics, 2005, 44, 1022-1026.	0.8	20
87	Electrochemiluminescence from Organic Emitters. Chemistry of Materials, 2005, 17, 1933-1945.	3.2	95
88	Molecular Beam Deposition of Perylene on Copper: Å Formation of Ordered Phases. Chemistry of Materials, 2005, 17, 5297-5304.	3.2	20
89	Fabrication of Color-Tunable Luminescent Silica Nanotubes Loaded with Functional Dyes Using a Solâˆ“Gel Cocondensation Method. Journal of Physical Chemistry B, 2005, 109, 20661-20664.	1.2	33
90	Aminonaphthalic Anhydrides as Red-Emitting Materials: Å Electroluminescence, Crystal Structure, and Photophysical Properties. Journal of Physical Chemistry B, 2005, 109, 5509-5517.	1.2	41
91	Advanced Organic Light-Emitting Devices for Enhancing Display Performances. Journal of Display Technology, 2005, 1, 248-266.	1.3	130
92	Fluorene-based oxadiazoles: thermally stable electron-transporting materials for light-emitting devices. Synthetic Metals, 2005, 148, 133-139.	2.1	24

#	ARTICLE	IF	CITATIONS
93	Enhanced performance of organic light emitting device by insertion of conducting/insulating WO3 anodic buffer layer. <i>Synthetic Metals</i> , 2005, 151, 141-146.	2.1	110
94	Bis(2,2-diphenylvinyl)spirobifluorene: An efficient and stable blue emitter for electroluminescence applications. <i>Synthetic Metals</i> , 2005, 151, 285-292.	2.1	25
95	Synthesis and photoluminescent properties of novel furopyrimidine derivatives. <i>Synthetic Metals</i> , 2005, 155, 461-463.	2.1	11
96	Polyfluorenes containing 1.8-naphthalimide dye as endcapping groups. <i>Synthetic Metals</i> , 2005, 152, 237-240.	2.1	11
97	Efficient electron injection from bilayer cathode with aluminum as cathode. <i>Synthetic Metals</i> , 2005, 153, 197-200.	2.1	9
98	Efficient electron injection from bilayer cathode consisting of aluminum and alcohol/water-soluble conjugated polymers. <i>Journal of the Society for Information Display</i> , 2005, 13, 123.	0.8	4
99	Modelling of the laser dynamics of electrically pumped organic semiconductor laser diodes. , 2005, , .		5
100	Doubly ortho-linked quinoxaline/triarylamine hybrid as a bifunctional, dipolar electroluminescent template for optoelectronic applications. <i>Chemical Communications</i> , 2005, , 3980.	2.2	45
101	Chromophore-Labeled Quinoxaline Derivatives as Efficient Electroluminescent Materials. <i>Chemistry of Materials</i> , 2005, 17, 1860-1866.	3.2	266
102	Organic and nano-structured composite photovoltaics: An overview. <i>Journal of Materials Research</i> , 2005, 20, 3167-3179.	1.2	197
103	Light-emitting bent-shape liquid crystals. <i>Liquid Crystals</i> , 2005, 32, 15-25.	0.9	70
104	Hexaphenylphenylene dendronised pyrenylamines for efficient organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2005, 15, 4453.	6.7	99
105	Large magnetoresistance in nonmagnetic-conjugated semiconductor thin film devices. <i>Physical Review B</i> , 2005, 72, .	1.1	350
106	Efficient 9-alkylphenyl-9-pyrenylfluorene substituted pyrene derivatives with improved hole injection for blue light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2006, 16, 4074.	6.7	95
107	Adsorption of Phenylacetylene on Si(100)-2 Å ⁻¹ : Kinetics and Structure of the Adlayer. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22635-22643.	1.2	23
108	Highly efficient green light emitting polyfluorene incorporated with 4-diphenylamino-1,8-naphthalimide as green dopant. <i>Journal of Materials Chemistry</i> , 2006, 16, 1431.	6.7	69
109	Electronic and Chemical Properties of Tin-Doped Indium Oxide (ITO) Surfaces and ITO/ZnPc Interfaces Studied In-situ by Photoelectron Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4793-4801.	1.2	108
110	Carbon nanotube sheets as electrodes in organic light-emitting diodes. <i>Applied Physics Letters</i> , 2006, 88, 183104.	1.5	218

#	ARTICLE	IF	CITATIONS
111	Local states in organic materials: charge transport and localization. IEEE Transactions on Dielectrics and Electrical Insulation, 2006, 13, 1001-1015.	1.8	14
112	Optimization of microcavity OLED by varying the thickness of multi-layered mirror. , 2006, , .		1
113	Fine tuning of the photophysical and electroluminescent properties of DCM-type dyes by changing the structure of the electron-donating group. Journal of Materials Chemistry, 2006, 16, 3512.	6.7	27
114	Direct micro-patterning of TTF-based organic conductors on flexible substrates. Journal of Materials Chemistry, 2006, 16, 543.	6.7	9
115	Synthesis and field-effect properties of 1,3,5-tri-substituted sexithiophenes bearing polar groups. Journal of Materials Chemistry, 2006, 16, 1183.	6.7	20
116	Electron transport in naphthylamine-based organic compounds. Applied Physics Letters, 2006, 89, 262102.	1.5	125
117	Experimental and computational evidence of the intermolecular motifs in the crystal packing of luminescent pentacoordinated gallium(III) complexes. Dalton Transactions, 2006, , 5124.	1.6	13
118	Top Emitting OLEDs with multi-layered Mirror Consisting of Metallic and Dielectric Layers. , 2006, , .		0
119	Theoretical Study on Photophysical and Charge Transport Properties of 1,6-Bis(2-hydroxyphenyl)pyridylboron Bis(4-n-butylphenyl)phenyleneamine Compound. Journal of Physical Chemistry A, 2006, 110, 8758-8762.	1.1	41
120	Device optimization of tris-aluminum (Alq3) based bilayer organic light emitting diode structures. Smart Materials and Structures, 2006, 15, S92-S98.	1.8	9
121	Study on Luminescent and Electron Transporting Properties of OLEDs Using Zn(phen)q and Zn(HPB)q. Molecular Crystals and Liquid Crystals, 2006, 462, 127-134.	0.4	0
122	Diketopyrrolopyrrole-Containing Polyfluorenes: A Facile Method To Tune Emission Color and Improve Electron Affinity. Macromolecules, 2006, 39, 8347-8355.	2.2	79
123	Doubly Ortho-Linked Quinoxaline/Diphenylfluorene Hybrids as Bipolar, Fluorescent Chameleons for Optoelectronic Applications. Journal of the American Chemical Society, 2006, 128, 10992-10993.	6.6	129
124	Luminescent Complexes of Iridium(III) Containing N-C,N-Coordinating Terdentate Ligands. Inorganic Chemistry, 2006, 45, 8685-8699.	1.9	137
125	Thiophene-based fluorescent markers for the efficient labeling of monoclonal antibodies and oligonucleotides. Journal of Non-Crystalline Solids, 2006, 352, 2465-2467.	1.5	7
126	Highly efficient red electroluminescence induced by efficient electron injection and exciton confinement. Synthetic Metals, 2006, 156, 763-768.	2.1	7
127	N-Aryl carbazole derivatives for non-doped red OLEDs. Synthetic Metals, 2006, 156, 809-814.	2.1	38
128	Highly efficient organic light-emitting diodes using novel hole-transporting materials. Synthetic Metals, 2006, 156, 1028-1035.	2.1	35

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129	Exciton migration in organic thin films. <i>Journal of Applied Physics</i> , 2006, 100, 023712.	1.1	12
130	Epoxy-Carbazole Polymeric Network Nanolayers for Organic Light-Emitting Devices. <i>Journal of Nanomaterials</i> , 2006, 2006, 1-8.	1.5	1
131	Improved Performance of Organic Light-emitting Diodes with a New Hole-transporting Material. <i>Chemistry Letters</i> , 2006, 35, 120-121.	0.7	4
133	11.2: Efficient Deep Blue Triplet Emitters for OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2006, 37, 131.	0.1	31
134	Comparative Study between Wet and Dry Etching of Poly(N-vinylcarbazole). <i>Macromolecular Symposia</i> , 2006, 245-246, 430-434.	0.4	0
135	Synthesis and Characterization of Donor-acceptor-Substituted Fluorene Fluorophores for Non-Doped Red Organic Light Emitting Diodes. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 1325-1334.	0.8	5
136	Effects of resistivity of a p-Si chip on the light-emitting efficiency of a top-emission organic light-emitting diode with the p-Si chip as the anode. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 428-434.	0.8	2
137	Direct comparison of photoemission spectroscopy and in situ Kelvin probe work function measurements on indium tin oxide films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2006, 152, 12-17.	0.8	105
138	Coordination complexes exhibiting room-temperature phosphorescence: Evaluation of their suitability as triplet emitters in organic light emitting diodes. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2093-2126.	9.5	1,029
139	Electroluminescent properties of organic light emitting diodes using Zn(HPB) ₂ and Zn(HPB) _q . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 284-285, 331-334.	2.3	8
140	Important role of molecular permanent dipoles of the Alq ₃ /Al interface studied from first-principles. <i>Chemical Physics Letters</i> , 2006, 420, 523-528.	1.2	39
141	The role of charge-transfer integral in determining and engineering the carrier mobilities of 9,10-di(2-naphthyl)anthracene compounds. <i>Chemical Physics Letters</i> , 2006, 422, 354-357.	1.2	41
142	Probing recombination-rate distribution in organic light-emitting devices with mixed-emitter structure. <i>Chemical Physics Letters</i> , 2006, 427, 305-309.	1.2	19
143	Efficient blue organic light-emitting devices based on novel anthracene derivatives with pronounced thermal stability and excellent film-forming property. <i>Chemical Physics Letters</i> , 2006, 429, 622-627.	1.2	51
144	Color tuning of iridium complexes – Part I: Substituted phenylisoquinoline-based iridium complexes as the triplet emitter. <i>Inorganica Chimica Acta</i> , 2006, 359, 441-450.	1.2	53
145	Optical proximity and touch sensors based on monolithically integrated polymer photodiodes and polymer LEDs. <i>Organic Electronics</i> , 2006, 7, 114-120.	1.4	42
146	Fluorene-substituted pyrenes – Novel pyrene derivatives as emitters in nondoped blue OLEDs. <i>Organic Electronics</i> , 2006, 7, 155-162.	1.4	148
147	Color tuning of iridium complexes for organic light-emitting diodes: The electronegative effect and π -conjugation effect. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2767-2773.	0.8	25

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148	Novel hydrazone moieties containing polymers for optoelectronics. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 180, 23-27.	2.0	16
149	Electron transfer and intersystem crossing processes in new dyes based on 1H-pyrazolo[3,4-b]quinoxaline. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 180, 88-100.	2.0	16
150	Fabrication and photoluminescence of molecular hybrid films based on the complexes of 8-hydroxyquinoline with different metal ions via sol-gel process. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 1-6.	2.0	36
151	Efficient and stable single-dopant white OLEDs based on 9,10-bis (2-naphthyl) anthracene. <i>Journal of Luminescence</i> , 2006, 121, 568-572.	1.5	18
152	Various approaches to white organic light emitting diodes and their recent advancements. <i>Optical Materials</i> , 2006, 28, 295-301.	1.7	59
153	Growth mode and molecular orientation of phthalocyanine molecules on metal single crystal substrates: A NEXAFS and XPS study. <i>Surface Science</i> , 2006, 600, 1077-1084.	0.8	79
154	Effect of a perfluorocyclopentene core unit on the structures and photoluminescence of fluorene- and anthracene-based compounds. <i>Tetrahedron</i> , 2006, 62, 9769-9777.	1.0	17
155	Phthalocyanines incorporated into hot wire-CVD grown silicon. <i>Thin Solid Films</i> , 2006, 511-512, 172-176.	0.8	5
156	Surface versus bulk electronic/defect structures of transparent conducting oxides: I. Indium oxide and ITO. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 3959-3968.	1.3	126
157	Ab initio study for structure, electric properties and light emission of linear-trans-quinacridone. <i>European Physical Journal D</i> , 2006, 38, 199-201.	0.6	1
158	Growth and morphology of thin films of aromatic molecules on metals: the case of perylene. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 82, 447-455.	1.1	54
159	Molecularly doped polymeric network nanolayers for organic light-emitting devices. <i>Macromolecular Research</i> , 2006, 14, 401-403.	1.0	13
160	Near-infrared photodetection with a diruthenium complex having redox-switchable wavelength response. <i>Optical Materials</i> , 2006, 28, 1362-1365.	1.7	3
161	Short-diode like diffusion capacitance of organic light emission devices. <i>Thin Solid Films</i> , 2006, 498, 244-248.	0.8	26
162	Electronic structures and optical properties of two anthracene derivatives. <i>Science Bulletin</i> , 2006, 51, 2444-2450.	1.7	7
163	Pyrene as Chromophore and Electrophore: Encapsulation in a Rigid Polyphenylene Shell. <i>Chemistry - A European Journal</i> , 2006, 12, 6117-6128.	1.7	139
164	Effective Manipulation of the Electronic Effects and Its Influence on the Emission of 5-Substituted Tris(8-quinolinolate) Aluminum(III) Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 4523-4535.	1.7	162
165	Synthesis and Characterization of Dinuclear Europium Complexes Showing Pure Red Electroluminescence. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 718-725.	1.0	59

#	ARTICLE	IF	CITATIONS
166	Are Molecular 5,8-Extended Quinoxaline Derivatives Good Chromophores for Photoluminescence Applications?. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4924-4933.	1.2	106
167	A Cost-effective Approach for 2-(t-Butyl)-6-methyl-4H-pyrone—A Key Intermediate Toward the Synthesis of Red-emitting Dyes for OLED Applications. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1137-1143.	2.6	1
168	Starburst DCM-Type Red-Light-Emitting Materials for Electroluminescence Applications. <i>Advanced Functional Materials</i> , 2006, 16, 709-718.	7.8	96
169	High-Performance Organic Light-Emitting Diodes Based on Dioxolane-Substituted Pentacene Derivatives. <i>Advanced Functional Materials</i> , 2006, 16, 1943-1949.	7.8	94
170	High-Mobility Ambipolar Transport in Organic Light-Emitting Transistors. <i>Advanced Materials</i> , 2006, 18, 1416-1420.	11.1	220
171	Optimization of Polymer Blue-Light-Emitting Devices by Introducing a Hole-Injection Layer Doped with the Molecular Nanomagnet [Mn12O12(H2O)4(C6F5COO)16]. <i>Advanced Materials</i> , 2006, 18, 920-923.	11.1	21
172	Organic Crystals with Tunable Emission Colors Based on a Single Organic Molecule and Different Molecular Packing Structures. <i>Advanced Materials</i> , 2006, 18, 2369-2372.	11.1	253
173	Colour tunability of polymeric light-emitting diodes with top emission architecture. <i>Semiconductor Science and Technology</i> , 2006, 21, 19-24.	1.0	12
174	Carrier Injection Characteristics of Metal/Tris-(8-hydroxyquinoline) Aluminum Interface with Long Chain Alkane Insertion Layer. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 442-446.	0.8	8
175	Theoretical Investigation on the Electronic Structure of the Tris-(8-hydroxyquinolinato) Aluminum/Aluminum Interface. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 413-416.	0.8	18
176	Characteristics of a Multilayer SiOx(CH)yNzFilm Deposited by Low Temperature Plasma Enhanced Chemical Vapor Deposition Using Hexamethyldisilazane/Ar/N2O. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 8430-8434.	0.8	9
177	A high performance fluorescent white organic light-emitting device and its optimization for full-colour display. <i>Semiconductor Science and Technology</i> , 2006, 21, 148-151.	1.0	3
178	Effect of Deposition Rate of Organic Layer on Electrical and Optical Characteristics of OLEDs. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 462, 143-148.	0.4	4
179	Optical Relaxation Processes of Phosphorescent Ir(ppy) ₃ Molecule in the Organic Light Emitting Diodes with High Quantum Efficiency. <i>Materials Science Forum</i> , 2006, 517, 183-194.	0.3	0
180	Characterization of indium tin oxide surfaces and interfaces using low intensity x-ray photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2006, 100, 093719.	1.1	38
181	Ambipolar organic light-emitting transistors employing heterojunctions of n-type and p-type materials as the active layer. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S2127-S2138.	0.7	22
182	Perylene Diimide as the Black-Layer Material of the OLEDs. <i>Materials Research Society Symposia Proceedings</i> , 2006, 965, 1.	0.1	0
183	Reduced intermolecular interaction in organic ultrathin films. <i>Applied Physics Letters</i> , 2006, 88, 141913.	1.5	10

#	ARTICLE	IF	CITATIONS
184	Epitaxial nanolayers of quaternary: Influence of the substrate on the growth of the first and second monolayers. Applied Physics Letters, 2006, 88, 161907.	1.5	14
185	Efficient blue electroluminescence from neutral alcohol-soluble polyfluorenes with aluminum cathode. Applied Physics Letters, 2006, 89, 233501.	1.5	25
186	Combinatorial approach to morphology studies of epitaxial thin films. Applied Physics Letters, 2006, 88, 121902.	1.5	6
187	Organic light-emitting devices with a mixture emitting layer of tris-(8-hydroxyquinoline) aluminum and 4,4'-bis(carbazol-9-yl)-biphenyl. Applied Physics Letters, 2006, 88, 243505.	1.5	15
188	Pressure sensing by flexible, organic, field effect transistors. Applied Physics Letters, 2006, 89, 143502.	1.5	82
189	High-performance organic red-light-emitting devices based on a greenish-yellow-light-emitting host and long-wavelength emitting dopant. Applied Physics Letters, 2006, 88, 183504.	1.5	7
190	Surface states, surface potentials, and segregation at surfaces of tin-doped In ₂ O ₃ . Physical Review B, 2006, 73, .	1.1	175
191	Mixing effect of hole-injecting and hole-transporting materials on the performance and lifetime of organic light-emitting devices. Applied Physics Letters, 2006, 88, 043504.	1.5	14
192	Effect of Anode Material and Cavity Design on the Performance of Microcavity OLEDs. , 2006, , .		0
193	Hydrogenated aluminium-doped zinc oxide semiconductor thin films for polymeric light-emitting diodes. Semiconductor Science and Technology, 2006, 21, 48-54.	1.0	48
194	Characterization of organic photovoltaic devices with indium-tin-oxide anode treated by plasma in various gases. Journal of Applied Physics, 2006, 100, 093711.	1.1	41
195	Effect of Silver Nanoparticles in the Hole Injection Layer on the Performance of Organic Light Emitting Diodes. Materials Research Society Symposia Proceedings, 2006, 936, 1.	0.1	2
197	Optical gain in Coumarin 545T-doped Tris(8-hydroxy-chinolinato)aluminium thin films. Proceedings of SPIE, 2007, , .	0.8	0
198	Improvement on the photorefractive performance by the insertion of a SiO ₂ blocking layer. Journal of Optics, 2007, 9, 486-489.	1.5	4
199	High Coupling Efficiency of Microcavity Organic Light-Emitting Diode with Optical Fiber for as Light Source for Optical Interconnects. Japanese Journal of Applied Physics, 2007, 46, 642-646.	0.8	15
200	Characteristics of Organic Light Emitting Diodes with Tetrakis(Ethylmethylamino) Hafnium Treated Indium Tin Oxide. Japanese Journal of Applied Physics, 2007, 46, L461-L464.	0.8	6
201	Electrical characterization of a phenylacetylene-modified silicon surface via mercury probe. Journal of Physics Condensed Matter, 2007, 19, 446003.	0.7	13
202	Bright-Yellow Organic Light-Emitting Device Using Novel Silole Derivative as Emitter. Japanese Journal of Applied Physics, 2007, 46, L31-L33.	0.8	34

#	ARTICLE	IF	CITATIONS
203	Organic Light-Emitting Devices with a LiF Hole Blocking Layer. Chinese Physics Letters, 2007, 24, 828-830.	1.3	1
204	Efficient top-emitting organic light-emitting diodes with a V ₂ O ₅ modified silver anode. Semiconductor Science and Technology, 2007, 22, 824-826.	1.0	50
205	Ultra-thin fluoropolymer buffer layer as an anode stabilizer of organic light emitting devices. Journal Physics D: Applied Physics, 2007, 40, 4466-4470.	1.3	3
206	Effects of doped dye on the charge carrier injection, transport, and electroluminescent performance in polymeric light-emitting diodes. Journal of Applied Physics, 2007, 102, .	1.1	9
207	Hole-transporting-layer-free high-efficiency fluorescent blue organic light-emitting diodes. Applied Physics Letters, 2007, 91, .	1.5	14
208	Efficient and extremely long-lived organic light-emitting diodes based on dinaphthylperylene. Journal of Applied Physics, 2007, 102, .	1.1	33
209	The carrier-trapping effect of dye doped in Alq. Journal of Applied Physics, 2007, 101, 054507.	1.1	4
210	Method for measurement of the density of thin films of small organic molecules. Review of Scientific Instruments, 2007, 78, 034104.	0.6	54
211	Efficiency Stabilized Deep Blue Organic Light-Emitting Devices with a DPVBi/CBP Step Emitting Layer Operating at Low Voltages. Molecular Crystals and Liquid Crystals, 2007, 470, 259-267.	0.4	0
212	Optical upconversion devices based on photosensitizer-doped organic light-emitting diodes. Applied Physics Letters, 2007, 91, 201107.	1.5	19
213	Efficient blue and white organic light-emitting devices based on a single bipolar emitter. Applied Physics Letters, 2007, 91, 013507.	1.5	45
214	Transparent, Low Resistance, and Flexible Amorphous ZnO-Doped In[_{sub} 2]O[_{sub} 3] Anode Grown on a PES Substrate. Journal of the Electrochemical Society, 2007, 154, J81.	1.3	46
215	Effective hole transport layer structure for top-emitting organic light emitting devices based on laser transfer patterning. Journal Physics D: Applied Physics, 2007, 40, 5541-5546.	1.3	17
216	47.3: <i>Invited Paper</i>: Bipolar Carrier Transport in Organic Small Molecules for OLEDs. Digest of Technical Papers SID International Symposium, 2007, 38, 1497-1500.	0.1	0
217	Improvement of amplified spontaneous emission performance by doping tris(8-hydroxyquinoline) aluminum (Alq ₃) in dye-doped polymer thin films. Applied Optics, 2007, 46, 2320.	2.1	11
218	Electrical and optical simulation of organic light-emitting devices with fluorescent dopant in the emitting layer. Journal of Applied Physics, 2007, 101, 114501.	1.1	39
219	Band structure of indium oxide: Indirect versus direct band gap. Physical Review B, 2007, 75, .	1.1	180
220	Phosphorescent Iridium Complexes Based on 2-Phenylimidazo[1,2-a]pyridine Ligands: Tuning of Emission Color toward the Blue Region and Application to Polymer Light-Emitting Devices. Inorganic Chemistry, 2007, 46, 4308-4319.	1.9	135

#	ARTICLE	IF	CITATIONS
221	High brightness stable white and yellow light-emitting diodes from ambipolar polyspirofluorenes with high charge carrier mobility. Applied Physics Letters, 2007, 91, .	1.5	25
222	Research on the Models of OLED-On-Silicon Pixel Circuits. , 2007, , .		4
223	Conducting Organic Materials and Devices. Semiconductors and Semimetals, 2007, , i-188.	0.4	19
224	Enhancement of OLED Efficiencies and High-Voltage Stabilities of Light-Emitting Materials by Deuteration. Journal of Physical Chemistry C, 2007, 111, 3490-3494.	1.5	72
225	Theoretical Study on Photophysical Properties of Phenolpyridyl Boron Complexes. Journal of Physical Chemistry A, 2007, 111, 2739-2744.	1.1	38
226	Fluorescence of Single Molecules in Polymer Films: A Sensitivity of Blinking to Local Environment. Journal of Physical Chemistry B, 2007, 111, 6987-6991.	1.2	91
228	Organometallic Complexes for Optoelectronic Applications. , 2007, , 101-194.		48
229	Negative Differential Resistance and Memory Effect in Diodes Based on 1,4-Dibenzyl C60 and Zinc Phthalocyanine Doped Polystyrene Hybrid Material. Inorganic Chemistry, 2007, 46, 341-344.	1.9	16
230	Synthesis, characterization and electroluminescence properties of new iridium complexes based on cyclic phenylvinylpyridine derivatives: tuning of emission colour and efficiency by structural control. Journal of Materials Chemistry, 2007, 17, 841-849.	6.7	17
231	OLED Technology and Its Possible Use in Automotive Applications. , 0, , .		3
232	A DCM-Type Red-Fluorescent Dopant for High-Performance Organic Electroluminescent Devices. Advanced Functional Materials, 2007, 17, 93-100.	7.8	82
233	Luminescence Properties of Aminobenzanthrones and Their Application as Host Emitters in Organic Light-Emitting Devices. Advanced Functional Materials, 2007, 17, 369-378.	7.8	37
234	White Electroluminescence from a Single-Polymer System with Simultaneous Two-Color Emission: Polyfluorene Blue Host and Side-Chain-Located Orange Dopant. Advanced Functional Materials, 2007, 17, 1917-1925.	7.8	123
235	Organic Light Emitting Field Effect Transistors: Advances and Perspectives. Advanced Functional Materials, 2007, 17, 3421-3434.	7.8	316
236	Synthesis and Luminescence Property of 4,4'-Bis(2,2'-di(4-fluorophenyl)vinyl)biphenyl for Organic Blue-Emitting Diodes. Chinese Journal of Chemistry, 2007, 25, 1330-1333.	2.6	1
237	Silicon-organic pigment material hybrids for photovoltaic application. Solar Energy Materials and Solar Cells, 2007, 91, 1873-1886.	3.0	35
238	Violet-to-red photoluminescence of spiro-TAD organic films doped with different organic dyes. Superlattices and Microstructures, 2007, 41, 407-413.	1.4	0
239	Mechanical integrity analysis of multilayer insulator coatings on flexible steel substrates. Thin Solid Films, 2007, 515, 6890-6898.	0.8	15

#	ARTICLE	IF	CITATIONS
240	Optical and photovoltaic properties of thin films of N,N-dimethyl-3,4,9,10-perylenetetracarboxylic acid diimide. <i>Thin Solid Films</i> , 2007, 515, 7950-7957.	0.8	21
241	Improvement of brightness and efficiency in organic light-emitting diodes using 1,3-bis(4-tert-butylphenyl-1,3,4-oxadiazoyl) phenylene as the hole buffer layer. <i>Displays</i> , 2007, 28, 31-34.	2.0	4
242	Synthesis and electrochemical properties of 2,6-bis(6-aryl-[1,2,4]-triazolo[3,4-b][1,3,4]-thiadiazole-3-yl)pyridines. <i>Chinese Chemical Letters</i> , 2007, 18, 505-508.	4.8	6
243	Transport mechanism and trap distribution in ITO/azo-calix[4]arene derivative/Al diode structure. <i>Physica B: Condensed Matter</i> , 2007, 399, 109-115.	1.3	18
244	Quinacridone sub-monolayer as efficient emitter in OLEDs. <i>Journal of Luminescence</i> , 2007, 122-123, 623-625.	1.5	3
245	Electroluminescent characteristics of OLEDs fabricated with bis(5,7-dichloro-8-hydroxyquinolinato)zinc(II) as light emitting material. <i>Materials Letters</i> , 2007, 61, 4614-4617.	1.3	36
246	Electrochemical and optical studies of 1,4-diaminoanthraquinone for solar cell applications. <i>Polymer Bulletin</i> , 2007, 58, 521-527.	1.7	25
247	Organic electroluminescent devices using quantum-size silver nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 393-397.	1.1	17
248	Electrical characteristics and efficiency of organic light-emitting diodes depending on hole-injection layer. <i>Current Applied Physics</i> , 2007, 7, 409-412.	1.1	13
249	First-principles molecular dynamics study of Al/Alq ₃ interfaces. <i>Science and Technology of Advanced Materials</i> , 2007, 8, 191-195.	2.8	11
250	Non-doped red emission: A solution for bias-independent red emission. <i>Displays</i> , 2008, 29, 541-544.	2.0	1
251	The open circuit voltage of encapsulated plastic photovoltaic cells. <i>Dyes and Pigments</i> , 2008, 78, 148-156.	2.0	33
252	Dependence of surface morphology on molecular structure and its influence on the properties of OLEDs. <i>Ultramicroscopy</i> , 2008, 108, 1251-1255.	0.8	13
253	Enhanced amplified spontaneous emission by assistant Förster energy transfer in DCJTb-C545T-Alq ₃ co-guest-host system. <i>Applied Physics B: Lasers and Optics</i> , 2008, 91, 525-528.	1.1	7
254	Synthesis and properties of new derivatives of poly[9-(2,3-epoxypropyl)carbazole]. <i>Polymer International</i> , 2008, 57, 1159-1164.	1.6	7
255	Novel thermally stable triarylamine-containing aromatic polyamides bearing anthrylamine chromophores for highly efficient green light-emitting materials. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7354-7368.	2.5	33
257	Specific Binding Effects for Cucurbit[8]uril in 2,4,6-triphenylpyrylium-Cucurbit[8]uril Host-Guest Complexes: Observation of Room Temperature Phosphorescence and their Application in Electroluminescence. <i>Chemistry - A European Journal</i> , 2008, 14, 1762-1768.	1.7	52
258	An Organic Light-Emitting Diode with Field Effect Electron Transport. <i>Advanced Functional Materials</i> , 2008, 18, 136-144.	7.8	43

#	ARTICLE	IF	CITATIONS
259	The Photophysical Properties of Dipyrenylbenzenes and Their Application as Exceedingly Efficient Blue Emitters for Electroluminescent Devices. <i>Advanced Functional Materials</i> , 2008, 18, 67-75.	7.8	244
260	A Multifunctional Iridium-Carbazoyl Orange Phosphor for High-Performance Two-Element WOLED Exploiting Exciton-Managed Fluorescence/Phosphorescence. <i>Advanced Functional Materials</i> , 2008, 18, 928-937.	7.8	252
261	Organic Light-Emitting Diodes with Field-Effect-Assisted Electron Transport Based on Dipiperfluorohexyl-Quaterthiophene. <i>Advanced Functional Materials</i> , 2008, 18, 3645-3652.	7.8	15
262	Silicon-Cored Anthracene Derivatives as Host Materials for Highly Efficient Blue Organic Light-Emitting Devices. <i>Advanced Materials</i> , 2008, 20, 2720-2729.	11.1	162
263	Imaging the Interfaces of Conjugated Polymer Optoelectronic Devices. <i>Advanced Materials</i> , 2008, 20, 528-534.	11.1	49
264	Improved property in organic light-emitting diode utilizing two Al/Al ₃ layers. <i>Microelectronics Journal</i> , 2008, 39, 1525-1527.	1.1	0
265	Iminodibenzyl-substituted distyrylarylenes as dopants for blue and white organic light-emitting devices. <i>Organic Electronics</i> , 2008, 9, 101-110.	1.4	17
266	Small polymeric nano-dot enhanced pure-white organic light-emitting diode. <i>Organic Electronics</i> , 2008, 9, 291-295.	1.4	39
267	Polymers for flexible displays: From material selection to device applications. <i>Progress in Polymer Science</i> , 2008, 33, 581-630.	11.8	848
268	Organic-inorganic hybrid composites for photovoltaics: Organic guest molecules embedded in β -Si and ZnSe host matrices. <i>Renewable Energy</i> , 2008, 33, 262-266.	4.3	8
269	Synthesis, structures, and properties of iridium(III) bis-cyclometallated complexes containing three-atom chelates. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1510-1517.	0.8	21
270	KDP/PEDOT:PSS mixture as a new alternative in the fabrication of pressure sensing devices. <i>Applied Surface Science</i> , 2008, 255, 734-736.	3.1	9
271	Synthesis and characterization of some 5-coordinated aluminum-8-hydroxyquinoline derivatives for OLED applications. <i>Displays</i> , 2008, 29, 351-357.	2.0	17
272	Theoretical study on the electronic structures and optical properties of oxadisilole-substituted acenes. <i>Chemical Physics Letters</i> , 2008, 466, 37-43.	1.2	7
273	High efficiency and color saturated blue electroluminescence by using 4,4'-bis[N-(1-naphthyl)-N-phenylamino]biphenyl as the thinner host and hole-transporter. <i>Solid-State Electronics</i> , 2008, 52, 121-125.	0.8	16
274	Synthesis and characterization of deep blue emitters from starburst carbazole/fluorene compounds. <i>Tetrahedron</i> , 2008, 64, 2658-2668.	1.0	38
275	Imidazolium ionic liquids in OLEDs: synthesis and improved electroluminescence of an π -ionophilic TM diphenylanthracene. <i>Tetrahedron</i> , 2008, 64, 6270-6274.	1.0	15
276	Novel iridium complexes as high-efficiency yellow and red phosphorescent light emitters for organic light-emitting diodes. <i>Tetrahedron</i> , 2008, 64, 10814-10820.	1.0	39

#	ARTICLE	IF	CITATIONS
277	Transparent conducting aluminum-doped zinc oxide thin film prepared by sol-gel process followed by laser irradiation treatment. <i>Thin Solid Films</i> , 2008, 517, 891-895.	0.8	73
278	New confined p-phenylenevinylene (PPV)-type polymer analogue of poly(phenylene sulfide). <i>European Polymer Journal</i> , 2008, 44, 2886-2892.	2.6	16
279	On the improvement of the electroluminescent signal of organic light emitting diodes by the presence of an ultra-thin metal layer at the interface organic/ITO. <i>Physica Status Solidi - Rapid Research Letters</i> , 2008, 2, 10-12.	1.2	4
280	Organic light emitting diodes using fluorine doped tin oxide thin films, deposited by chemical spray pyrolysis, as anode. <i>Materials Chemistry and Physics</i> , 2008, 112, 198-201.	2.0	33
281	Light-emitting iridium complexes with tridentate ligands. <i>Dalton Transactions</i> , 2008, , 2081.	1.6	213
282	Improved performance of organic light-emitting devices with ultra-thin hole-blocking layers. <i>Journal of the Society for Information Display</i> , 2008, 16, 603-608.	0.8	0
283	ZnO and Its Applications. <i>Springer Series in Materials Science</i> , 2008, , 1-33.	0.4	33
284	Conductive Polymer Functionalization by Click Chemistry. <i>Macromolecules</i> , 2008, 41, 4321-4327.	2.2	110
285	Evaporation-Induced Self-Assembly of Mesoscopically Ordered Organic/Organosilica Nanocomposite Thin Films with Photoluminescent Properties and Improved Hardness. <i>Chemistry of Materials</i> , 2008, 20, 1855-1861.	3.2	39
286	Benz(2-heteroaryl)cyanoximes and their Tl(i) complexes: new room temperature blue emitters. <i>Dalton Transactions</i> , 2008, , 5715.	1.6	37
287	Electroluminescent from hybrid of Cdse quantum dot-organic light emitting diode. , 2008, , .		2
288	Single-chamber plasma enhanced chemical vapor deposition of transparent organic/inorganic multilayer barrier coating at low temperature. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2008, 26, 949-955.	0.9	7
289	Indium tin oxide modified transparent nanotube thin films as effective anodes for flexible organic light-emitting diodes. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	48
290	High-contrast organic light emitting diodes with a partially absorbing anode. <i>Optics Letters</i> , 2008, 33, 1126.	1.7	6
291	New Fluorene Derivatives for Blue Electroluminescent Devices: Influence of Substituents on Thermal Properties, Photoluminescence, and Electroluminescence. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2165-2169.	1.5	51
292	Optical and electrical properties of Vanadium doped Indium oxide thin films. <i>Optics Express</i> , 2008, 16, 194.	1.7	25
293	<i>para</i>-Octaiodophenylsilsequioxane, [C ₆ H ₄ SiO _{1.5}] ₈ , a Nearly Perfect Nano-Building Block. <i>ACS Nano</i> , 2008, 2, 320-326.	7.3	119
294	Theoretical Study on Photophysical Properties of Multifunctional Electroluminescent Molecules with Different π -Conjugated Bridges. <i>Journal of Physical Chemistry A</i> , 2008, 112, 12172-12178.	1.1	94

#	ARTICLE	IF	CITATIONS
295	Metal-semiconductor contact in organic thin film transistors. <i>Journal of Materials Chemistry</i> , 2008, 18, 5437.	6.7	79
296	Molecularly Controlled Metal-Semiconductor Junctions on Silicon Surface: A Dipole Effect. <i>Langmuir</i> , 2008, 24, 11300-11306.	1.6	49
297	Discrete Photopatternable π -Conjugated Oligomers for Electrochromic Devices. <i>Journal of the American Chemical Society</i> , 2008, 130, 9734-9746.	6.6	122
298	Encapsulation of organic light-emitting devices for the application of display. , 2008, , .		5
299	A Novel Solution-Processible Heterodinuclear AlIII/IrIII Complex for Host-Dopant Assembly OLEDs. <i>Inorganic Chemistry</i> , 2008, 47, 6566-6568.	1.9	32
300	Mesoporous Silica Nanolayers Infiltrated with Hole-Transporting Molecules for Hybrid Organic Light-Emitting Devices. <i>ACS Nano</i> , 2008, 2, 1137-1142.	7.3	15
301	Theoretical Characterization of a Typical Hole/Exciton-Blocking Material Bathocuproine and Its Analogues. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9097-9103.	1.1	53
302	Synthesis, Separation, and Circularly Polarized Luminescence Studies of Enantiomers of Iridium(III) Luminophores. <i>Inorganic Chemistry</i> , 2008, 47, 2039-2048.	1.9	131
303	Improved Turn-On Times of Light-Emitting Electrochemical Cells. <i>Chemistry of Materials</i> , 2008, 20, 388-396.	3.2	110
304	Power-law-type electron injection through lithium fluoride nanolayers in phosphorescence organic light-emitting devices. <i>Nanotechnology</i> , 2008, 19, 355207.	1.3	28
305	First-principles theoretical study of Alq ₃ -Al interfaces: Origin of the interfacial dipole. <i>Journal of Chemical Physics</i> , 2008, 128, 244704.	1.2	51
306	Role of the polymeric hole injection layer on the efficiency and stability of organic light emitting diodes with small molecular emitters. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 215104.	1.3	11
307	Polymer-Based RGB Single-Layer OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2008, 39, 2032-2035.	0.1	0
308	Investigation of exciton photodissociation, charge transport and photovoltaic response of poly(N-vinyl carbazole):TiO ₂ nanocomposites for solar cell applications. <i>Nanotechnology</i> , 2008, 19, 375201.	1.3	39
309	Transparent Conducting Indium Zinc Tin Oxide Anode for Highly Efficient Phosphorescent Organic Light Emitting Diodes. <i>Journal of the Electrochemical Society</i> , 2008, 155, J1.	1.3	57
310	Au generation centres doped n-Si: hole-injection adjustable anode for efficient organic light emission. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 155107.	1.3	4
311	Deep-red to near-infrared electrophosphorescence based on bis(8-hydroxyquinolato) platinum(II) complexes. <i>Applied Physics Letters</i> , 2008, 92, 163305.	1.5	28
312	Performance of organic light-emitting diodes with remote metallic contact using high mobility electron-transport layers. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
313	Solution-processed small molecule-based blue light-emitting diodes using conjugated polyelectrolytes as electron injection layers. Applied Physics Letters, 2008, 93, 063302.	1.5	23
314	Star-configured carbazole as an efficient near-ultraviolet emitter and hole-transporting material for organic light-emitting devices. Applied Physics Letters, 2008, 92, .	1.5	11
315	Quantum efficiency improvement in anthracene-based organic light-emitting diodes codoped with a hole-trapping material. Applied Physics Letters, 2008, 92, 244103.	1.5	13
316	Carrier trapping and scattering in amorphous organic hole transporter. Applied Physics Letters, 2008, 92, 103315.	1.5	71
317	Thin film encapsulation of OLED displays with organic-inorganic composite film. , 2008, , .		7
318	Rings sliding on a honeycomb network: Adsorption contours, interactions, and assembly of benzene on Cu(111). Physical Review B, 2009, 80, .	1.1	73
319	Polarization splitting of discrete states in square shaped organic photonic dots. Applied Physics Letters, 2009, 95, 191116.	1.5	2
320	Optical and electrical properties of semi-conducting calix[5,9]arene thin films with potential applications in organic electronics. Semiconductor Science and Technology, 2009, 24, 105007.	1.0	29
321	Realization of high efficiency microcavity top-emitting organic light-emitting diodes with highly saturated colors and negligible angular dependence. Applied Physics Letters, 2009, 94, 233306.	1.5	35
322	Emitting-layer design of white organic light-emitting devices with single-host material. Journal of Applied Physics, 2009, 106, 024503.	1.1	29
323	Preparation of Blue-Emitting Phosphorescent Iridium(III) Complex Under Ultrasound Reaction. Molecular Crystals and Liquid Crystals, 2009, 499, 26/[348]-37/[359].	0.4	3
324	Sodium borohydride as an n-type dopant in tris(8-hydroxyquinoline) aluminium thin film. Journal Physics D: Applied Physics, 2009, 42, 205108.	1.3	4
325	Lead(IV) dioxide: an effective electron injection material to realize high-efficiency inverted top-emitting organic light-emitting diodes. Semiconductor Science and Technology, 2009, 24, 105027.	1.0	2
326	The fabrication of high density nanochannel organic light emitting diodes with reduced charge spreading. Nanotechnology, 2009, 20, 405204.	1.3	8
327	Tuning the emissive colour of top-emitting organic light-emitting diodes by using exterior multilayer films. Journal Physics D: Applied Physics, 2009, 42, 035107.	1.3	3
328	Highly efficient tris(8-hydroxyquinoline) aluminum-based organic light-emitting diodes utilized by balanced energy transfer with cosensitizing fluorescent dyes. Applied Physics Letters, 2009, 95, 143305.	1.5	9
329	Advantages of admittance spectroscopy over time-of-flight technique for studying dispersive charge transport in an organic semiconductor. Journal of Applied Physics, 2009, 106, .	1.1	43
330	Electrical Current Aging of Mixed-Host Organic Light-Emitting Devices with Thin Doped Layer. Journal of the Electrochemical Society, 2009, 156, J342.	1.3	1

#	ARTICLE	IF	CITATIONS
331	Highly Efficient Red Phosphorescent OLEDs based on Non-Conjugated Silicon-Cored Spirobifluorene Derivative Doped with Ir-Complexes. <i>Advanced Functional Materials</i> , 2009, 19, 420-427.	7.8	140
332	Solvent Effects on the Architecture and Performance of Polymer White-Light-Emitting Diodes with Conjugated Oligoelectrolyte Electron-Transport Layers. <i>Advanced Materials</i> , 2009, 21, 584-588.	11.1	50
333	Orthogonal Transformations on Solid Substrates: Efficient Avenues to Surface Modification. <i>Advanced Materials</i> , 2009, 21, 3442-3468.	11.1	138
334	Thin-Film Fabrication Method for Organic Light-Emitting Diodes Using Electrospray Deposition. <i>Advanced Materials</i> , 2009, 21, 4343-4347.	11.1	100
335	Spatially Selective Functionalization of Conducting Polymers by α -Electroclick-Chemistry. <i>Advanced Materials</i> , 2009, 21, 4483-4486.	11.1	71
336	Synthesis and Properties of Salen-Aluminum Complexes as a Novel Class of Color-Tunable Luminophores. <i>Chemistry - A European Journal</i> , 2009, 15, 6478-6487.	1.7	56
337	Single-layer small molecular organic light emitting diodes without hole transport layer. <i>Thin Solid Films</i> , 2009, 517, 3382-3384.	0.8	7
338	Blue organic light-emitting diodes using novel spiro[fluorene-benzofluorene]-type host materials. <i>Dyes and Pigments</i> , 2009, 83, 66-71.	2.0	41
339	Charge mobility measurement techniques in organic semiconductors. <i>Optical and Quantum Electronics</i> , 2009, 41, 69-89.	1.5	113
340	Photophysics and Electrochemistry of some Thione Far-Red/Near-IR Triplet Emitters. <i>Journal of Fluorescence</i> , 2009, 19, 169-177.	1.3	8
341	Radical anions containing the dioxidated 1,2,5-thiadiazole heterocycle. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 964-970.	0.9	13
342	Theoretical design study on multifunctional triphenyl amino-based derivatives for OLEDs. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 1104-1113.	0.9	20
343	Molecular depth profiling of multilayer structures of organic semiconductor materials by secondary ion mass spectrometry with large argon cluster ion beams. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3264-3268.	0.7	95
344	Photoluminescence properties of 4,5-dimethyl-4 ϵ ,5 ϵ -di(methylamido) tetrathiafulvalene thin film grown by thermal evaporation. <i>Optical Materials</i> , 2009, 31, 831-836.	1.7	1
345	1H-pyrazolo[3,4-b]quinoline and 1H-pyrazolo[3,4-b]quinoxaline derivatives as promising materials for optoelectronic applications. <i>Optical Materials</i> , 2009, 32, 267-273.	1.7	37
346	Synthesis and thin films characterization of new anthracene-core molecules for opto-electronic applications. <i>Physica B: Condensed Matter</i> , 2009, 404, 1912-1916.	1.3	12
347	Substituted azomethine-zinc complexes: Thermal stability, photophysical, electrochemical and electron transport properties. <i>Inorganica Chimica Acta</i> , 2009, 362, 2327-2333.	1.2	38
348	Theoretical study on charge transport properties of a dinuclear aluminum 8-hydroxyquinoline complex. <i>Computational and Theoretical Chemistry</i> , 2009, 896, 44-48.	1.5	7

#	ARTICLE	IF	CITATIONS
349	Low reflection and photo-sensitive organic light-emitting device with perylene diimide and double-metal structure. <i>Thin Solid Films</i> , 2009, 517, 3712-3716.	0.8	19
350	Effects of diamond-like carbon thin film in organic light emitting devices. <i>Thin Solid Films</i> , 2009, 517, 5311-5313.	0.8	4
351	Gravure printed organic light emitting diodes for lighting applications. <i>Thin Solid Films</i> , 2009, 517, 5757-5762.	0.8	120
352	Surface potentials of magnetron sputtered transparent conducting oxides. <i>Thin Solid Films</i> , 2009, 518, 1197-1203.	0.8	136
353	Ballistic electron microscopy and spectroscopy of metal and semiconductor nanostructures. <i>Surface Science Reports</i> , 2009, 64, 169-190.	3.8	21
354	A study of the interaction between perylene and the TiO ₂ (110)-(1 \times 1) surface-based on XPS, UPS and NEXAFS measurements. <i>Surface Science</i> , 2009, 603, 1270-1275.	0.8	18
355	Local work function control of indium tin oxide by micro-contact printing for electroluminescent devices. <i>Ultramicroscopy</i> , 2009, 109, 1035-1039.	0.8	6
356	Nanostructural, optical and electrical properties of vacuum evaporated films of an azo-calix[4]arene derivative. <i>Vacuum</i> , 2009, 83, 883-888.	1.6	6
357	Synthesis and electroluminescence properties of benzothiazole derivatives. <i>Journal of Luminescence</i> , 2009, 129, 1207-1214.	1.5	21
358	Realization of negative differential resistance and switching devices based on copper phthalocyanine by the control of evaporation rate. <i>Organic Electronics</i> , 2009, 10, 275-279.	1.4	24
359	High temperature carrier mobility as an intrinsic transport parameter of an organic semiconductor. <i>Organic Electronics</i> , 2009, 10, 661-665.	1.4	11
360	Group 4 ansa-metallocenes derived from o-carborane and their luminescent properties. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1623-1631.	0.8	22
361	Synthesis, characterization, photophysics and electrophosphorescent applications of phosphorescent platinum cyclometalated complexes with 9-arylcarbazole moieties. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2735-2749.	0.8	63
362	Enhancing performance of planar molecule-based organic light-emitting diodes through deposition-rate optimization: Role of molecular packing. <i>Chemical Physics Letters</i> , 2009, 474, 207-211.	1.2	21
363	Probing of carrier behavior in organic electroluminescent diode using electric field induced optical second-harmonic generation measurement. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	66
364	Electrochromic Organic-Metallic Hybrid Polymers: Fundamentals and Device Applications. <i>Polymer Journal</i> , 2009, 41, 511-520.	1.3	98
365	Fluorescence Quantum Yield of Aromatic Hydrocarbon Crystals. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2961-2965.	1.5	220
366	Investigation of FIrpic in PhOLEDs via LC/MS technique. <i>Open Chemistry</i> , 2009, 7, 836-845.	1.0	20

#	ARTICLE	IF	CITATIONS
367	Synthesis and 1.1 μm near-infrared electrophosphorescence properties of a phenoxy-substituents copper phthalocyanine. Russian Journal of Inorganic Chemistry, 2009, 54, 407-412.	0.3	2
368	Structure and optical characteristics of the polymer-dye composites prepared via solvent crazing. Polymer Science - Series A, 2009, 51, 563-570.	0.4	8
369	Molecular Design, Synthesis, and Properties of Highly Fluorescent Polyimides. Journal of Physical Chemistry B, 2009, 113, 15212-15224.	1.2	93
370	Post Doping by Wet Deposition Process in Polymer Light-Emitting Diode Fabrication for Color Tuning and Performance Improving. Journal of Physical Chemistry C, 2009, 113, 9398-9405.	1.5	3
371	Efficient Hole-Blocker with Electron Transporting Property and Its Applications in Blue Organic Light-Emitting Devices. Journal of Physical Chemistry C, 2009, 113, 16792-16795.	1.5	9
372	Probing the Excited State Properties of the Highly Phosphorescent Pt(dpyb)Cl Compound by High-Resolution Optical Spectroscopy. Inorganic Chemistry, 2009, 48, 11407-11414.	1.9	68
373	Bipolar Molecule as an Excellent Hole-Transporter for Organic-Light Emitting Devices. Chemistry of Materials, 2009, 21, 1284-1287.	3.2	121
374	Sublimation Point Depression of Small-Molecule Semiconductors by Sonocrystallization. Crystal Growth and Design, 2009, 9, 2674-2684.	1.4	10
375	Intense solid-state blue emission with a small Stokes shift: π -stacking protection of the diphenylanthracene skeleton. Chemical Communications, 2009, , 3002.	2.2	115
376	A High Performance Nondoped Blue Organic Light-Emitting Device Based on a Diphenylfluoranthene-Substituted Fluorene Derivative. Journal of Physical Chemistry C, 2009, 113, 6227-6230.	1.5	40
377	Synthesis and characterization of benzothiazole derivatives for blue electroluminescent devices. Synthetic Metals, 2009, 159, 254-259.	2.1	14
378	A new family of solution-processible tris-(pinene-phenylpyridine) iridium(III) derivatives for polymer light-emitting diodes. Synthetic Metals, 2009, 159, 689-694.	2.1	2
379	High efficient organic light emitting diodes using new 9,10-diphenylanthracene derivatives containing bulky substituents on 2,6-position. Synthetic Metals, 2009, 159, 1359-1364.	2.1	39
380	Synthesis of new hole-transporting molecular glasses with pendant carbazolyl-based hydrazone moieties. Synthetic Metals, 2009, 159, 1695-1700.	2.1	7
381	Photophysical and charge-transport properties of hole-blocking material-TAZ: A theoretical study. Synthetic Metals, 2009, 159, 1767-1771.	2.1	6
382	Improved performance of organic light-emitting diodes using advanced hole-transporting materials. Synthetic Metals, 2009, 159, 2578-2583.	2.1	9
383	Highly efficient inverted top-emitting organic light-emitting diodes using a lead monoxide electron injection layer. Optics Express, 2009, 17, 17269.	1.7	25
384	Lanthanide-Based Luminescent Hybrid Materials. Chemical Reviews, 2009, 109, 4283-4374.	23.0	2,989

#	ARTICLE	IF	CITATIONS
385	Design of microcavity organic light emitting diodes with optimized electrical and optical performance. <i>Applied Optics</i> , 2009, 48, 2282.	2.1	5
386	Fabrication of a Blue Mimes N\$ Pixel Organic Light-Emitting Diode Video Display Incorporating a Thermally Stable Emitter. <i>Journal of Display Technology</i> , 2009, 5, 120-125.	1.3	5
387	Synthesis and characterization of 9,10-bis(2-phenyl-1,3,4-oxadiazole) derivatives of anthracene: Efficient n-type emitter for organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2009, 19, 6172.	6.7	49
388	Nonconjugated Carbazoles: A Series of Novel Host Materials for Highly Efficient Blue Electrophosphorescent OLEDs. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6761-6767.	1.5	86
389	Geometry, electronic structure and thermodynamic stability of intrinsic point defects in indium oxide. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 455801.	0.7	71
390	Formation entropies of intrinsic point defects in cubic In ₂ O ₃ from first-principles density functional theory calculations. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3226.	1.3	41
391	Efficient non-doped blue-light-emitting diodes incorporating an anthracene derivative end-capped with fluorene groups. <i>Journal of Materials Chemistry</i> , 2009, 19, 1464.	6.7	112
392	Inhomogeneous thin deposits: a strategy to exploit their functionality. <i>Journal of Materials Chemistry</i> , 2009, 19, 6085.	6.7	59
393	Self-assembly of amphiphilic fluorescent dyes showing aggregate-induced enhanced emission: temperature dependence of molecular alignment and intermolecular interaction in aqueous environment. <i>Chemical Communications</i> , 2009, , 5832.	2.2	35
394	Aluminum(III), gallium(III), and indium(III) 4-hydroxyacridinato complexes. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3351-3365.	0.8	6
395	Low Threshold Voltage and Carrier Injection Properties of Inverted Organic Light-Emitting Diodes with [Ca ₂₄ Al ₂₈ O ₆₄] ⁴⁺ (4e ⁻) ^x Cathode and Cu ₂ Se Anode. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18379-18384.	1.5	49
396	Synthesis and Electro-Optical Properties of 9,10-Substituted Anthracene Derivatives for Flexible OLED Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 513, 163-178.	0.4	8
397	Enhancement of the Hole Injection and Hole Transport in Organic Light Emitting Devices Utilizing a 2,3,5,6-Tetrafluoro-7,7,8,8-tetracyano-quinodimethane Doped Hole Transport Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 498, 258-264.	0.4	4
398	Bis(phenanthroimidazolyl)biphenyl derivatives as saturated blue emitters for electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2009, 19, 1865.	6.7	89
399	Luminescent, Liquid Crystalline Tris(<i>N</i> -salicylideneaniline)s: Synthesis and Characterization. <i>Journal of Organic Chemistry</i> , 2009, 74, 3168-3171.	1.7	85
400	Surface-Modified Nanotube Anodes for High Performance Organic Light-Emitting Diode. <i>ACS Nano</i> , 2009, 3, 2258-2264.	7.3	130
401	Solution-Processable Red-Emission Organic Materials Containing Triphenylamine and Benzothiadiazole Units: Synthesis and Applications in Organic Light-Emitting Diodes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7745-7752.	1.2	63
402	Applications of Conducting Polymers in Electronic Textiles. <i>Research Journal of Textile and Apparel</i> , 2009, 13, 51-68.	0.6	18

#	ARTICLE	IF	CITATIONS
403	White organic light-emitting diodes based on doped and ultrathin Rubrene layer. , 2010, , .		0
404	Interface study of the intermediate connectors in tandem organic devices. Journal of Information Display, 2010, 11, 1-7.	2.1	1
405	PƙL: <i>Late–News Poster</i>: High–Efficiency Low Color Temperature White OLEDs with Solution–Processed Emissive Layer. Digest of Technical Papers SID International Symposium, 2010, 41, 1899-1901.	0.1	0
406	Organic Fluorophores Exhibiting Highly Efficient Photoluminescence in the Solid State. Chemistry - an Asian Journal, 2010, 5, 1516-1531.	1.7	415
407	Interface investigation and engineering “ achieving high performance polymer photovoltaic devices. Journal of Materials Chemistry, 2010, 20, 2575.	6.7	542
408	Highly Luminescent and Triboluminescent Coordination Polymers Assembled from Lanthanide β -Diketonates and Aromatic Bidentate <i>O</i>-Donor Ligands. Inorganic Chemistry, 2010, 49, 9300-9311.	1.9	171
409	The effects of sodium in ITO by pulsed laser deposition on organic light-emitting diodes. Applied Physics A: Materials Science and Processing, 2010, 101, 621-626.	1.1	2
410	Ion beam assisted deposition of an organic light emitting diode electrode. Surface and Coatings Technology, 2010, 204, 3096-3099.	2.2	5
411	The comparative investigation on the optical properties and electronic structures of the alkoxy-tuned 1,3,4-oxadiazole derivatives. Materials Chemistry and Physics, 2010, 119, 243-248.	2.0	8
412	Layer–by–Layer All–Inorganic Quantum–Dot–Based LEDs: A Simple Procedure with Robust Performance. Advanced Functional Materials, 2010, 20, 3298-3302.	7.8	61
413	Synthesis of Multiaryl–Substituted Pyridine Derivatives and Applications in Non–doped Deep–Blue OLEDs as Electron–Transporting Layer with High Hole–Blocking Ability. Advanced Materials, 2010, 22, 527-530.	11.1	60
414	Designed Suppression of Aggregation in Polypyrene: Toward High–Performance Blue–Light–Emitting Diodes. Advanced Materials, 2010, 22, 990-993.	11.1	138
415	Phenacyl–Thiophene and Quinone Semiconductors Designed for Solution Processability and Air–Stability in High Mobility n–Channel Field–Effect Transistors. Chemistry - A European Journal, 2010, 16, 1911-1928.	1.7	60
416	Organic Light–Emitting Diodes from Symmetrical and Unsymmetrical β -Extended Tetraoxa[8]circulenes. Chemistry - A European Journal, 2010, 16, 13030-13034.	1.7	99
417	Synthesis, electroluminescence, and photovoltaic cells of new vinylene–copolymers with 4–(anthracene–10–yl)–2,6–diphenylpyridine segments. Journal of Applied Polymer Science, 2010, 115, 731-739.	1.8	7
418	The manganese(III) complex with chelating Schiff base ligand: X-ray structure, spectroscopic and computational studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 453-457.	2.0	10
419	A blue-emitting organic compound 9-hydroxyl-3-hydroxyethyl-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one: Synthesis, crystal structure and luminescent properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 76, 464-469.	2.0	7
420	High-performance organic red-light-emitting device based on DCJTb and a new host material. Journal of Luminescence, 2010, 130, 70-73.	1.5	12

#	ARTICLE	IF	CITATIONS
421	Some spirobiindane based 1H-pyrazolo [3,4-b] quinoline chromophore as novel chromophore for light-emitting diodes. <i>Journal of Luminescence</i> , 2010, 130, 2093-2099.	1.5	25
422	Evolution of the electronic structure of alkali metal-doped copper-phthalocyanine (CuPc) on different metal substrates. <i>Organic Electronics</i> , 2010, 11, 1786-1791.	1.4	13
423	On the properties of new benzothiazole derivatives for organic light emitting diodes (OLEDs): A comprehensive theoretical study. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 1225-1235.	1.9	27
424	Photoactive metallic (Al ³⁺ , Zn ²⁺ , Eu ³⁺ , Tb ³⁺ , Er ³⁺ , Nd ³⁺) mesoporous hybrid materials by functionalized 8-hydroxyquinolate linkage covalently bonded SBA-15. <i>Microporous and Mesoporous Materials</i> , 2010, 135, 45-50.	2.2	6
425	Emitting layer thickness dependence of color stability in phosphorescent organic light-emitting devices. <i>Organic Electronics</i> , 2010, 11, 1500-1506.	1.4	63
426	Deep-blue OLEDs using novel efficient spiro-type dopant materials. <i>Organic Electronics</i> , 2010, 11, 1844-1852.	1.4	22
427	Efficient blue lighting materials based on truxene-cored anthracene derivatives for electroluminescent devices. <i>Tetrahedron</i> , 2010, 66, 7577-7582.	1.0	49
428	Effect of Ca and buffer layers on the performance of organic light-emitting diodes based on tris-(8-hydroxyquinoline) aluminum. <i>Thin Solid Films</i> , 2010, 518, 4874-4878.	0.8	9
429	Synthesis and electroluminescent properties of blue-emitting t-butylated bis(diarylaminoaryl)anthracenes for OLEDs. <i>Thin Solid Films</i> , 2010, 518, 6253-6258.	0.8	25
430	Tris(8-hydroxyquinoline)aluminum (III) (Alq ₃) nanowires templated from an eggshell membrane. <i>Thin Solid Films</i> , 2010, 518, 5488-5493.	0.8	13
431	Growth and characterization of transparent conducting nanostructured zinc indium oxide thin films. <i>Thin Solid Films</i> , 2010, 519, 1082-1086.	0.8	11
432	The interaction between hexahydroxytriphenylene and the rutile TiO ₂ (110)-(1 $\bar{1}$ –1) surface at UHV conditions. <i>Surface Science</i> , 2010, 604, 1300-1309.	0.8	7
433	Recent advances in instrumentation for absolute emission quantum yield measurements. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2449-2458.	9.5	297
434	Harnessing supramolecular interactions in organic solid-state devices: Current status and future potential. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2429-2445.	9.5	111
435	Depth profile analysis of organic multi-layer device with nanometer resolution using surface-enhanced Raman spectroscopy. <i>Chemical Physics Letters</i> , 2010, 499, 158-160.	1.2	3
436	The synthesis, structure and photoluminescence of coumarin-based chromophores. <i>Dyes and Pigments</i> , 2010, 87, 109-118.	2.0	60
437	Synthesis and characterization of novel poly(2-methoxy-5-(6- ϵ^2 -dimethylphosphonate)-hexyloxy)-1,4-phenylenevinylene-ran-2-methoxy-5-(2- ϵ^2 -ethylhexyloxy)-1,4-phenylenevinylene (MEH-PO-PPVs) and their tunable emission colors. <i>European Polymer Journal</i> , 2010, 46, 2282-2289.	2.0	26
438	O-Phenylenediamine Encapsulated Silver Nanoparticles and Their Applications for Organic Light-Emitting Devices. , 0, , .		1

#	ARTICLE	IF	CITATIONS
439	Electrical and Optical Properties of N, N'-Bis (Inaphthyl)-N,N'-Diphenyl-1,1'-Biphenyl-4,4'-Diamine as Hole Transport Layer in Organic Light Emitting Devices. American Journal of Engineering and Applied Sciences, 2010, 3, 64-67.	0.3	5
440	Effect of Thickness of Tris (8-Hydroxyquinolato) Aluminum on the Photoluminescence and I-V Characteristic of Organic Light Emitting Structure. American Journal of Applied Sciences, 2010, 7, 1215-1218.	0.1	9
441	Fast and smooth etching of indium tin oxides in BCl ₃ /Cl ₂ inductively coupled plasmas. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2010, 28, 189-192.	0.9	8
442	Probing of interfacial charging and discharging in double-layer devices with a polyimide blocking layer by time-resolved optical second harmonic generation. Journal of Applied Physics, 2010, 108, .	1.1	35
443	Improving the efficiency of organic light emitting diodes using quantum well structure. , 2010, , .		0
444	<i>Ab initio</i> modeling of diffusion in indium oxide. Physical Review B, 2010, 81, .	1.1	54
445	Blue-Light-Emitting Bis(diarylamino)stilbene Derivatives: Synthesis, Photophysical Properties, and Highly Efficient OLEDs. Molecular Crystals and Liquid Crystals, 2010, 530, 40/[196]-47/[203].	0.4	1
446	Concentration quenching of electroluminescence in neat Ir(ppy) ₃ organic light-emitting diodes. Journal of Applied Physics, 2010, 108, .	1.1	40
447	COMPUTER-AIDED DESIGN OF OLED MATERIALS: A MOLECULAR MODELING APPROACH FOR OPTICAL PROPERTIES OF Î±-FLUORENYL OLIGOTHIOPHENES. Journal of Theoretical and Computational Chemistry, 2010, 09, 993-1007.	1.8	5
448	IMPROVEMENT ON THE PERFORMANCE OF FLEXIBLE CNT-OLED WITH A NANOLAYER OF CF _x -LAYER. International Journal of Nanoscience, 2010, 09, 119-122.	0.4	0
449	Red-emitting fluorescent organic light emitting diodes with low sensitivity to self-quenching. Journal of Applied Physics, 2010, 108, .	1.1	32
450	Analysis of Carrier Transients in Double-Layer Organic Light Emitting Diodes by Electric-Field-Induced Second-Harmonic Generation Measurement. Journal of Physical Chemistry C, 2010, 114, 15136-15140.	1.5	46
451	Emission Characteristics of Organic Light-Emitting Diodes and Organic Thin-Films with Planar and Corrugated Structures. International Journal of Molecular Sciences, 2010, 11, 1527-1545.	1.8	63
452	Highly efficient, single-layer organic light-emitting devices based on a graded-composition emissive layer. Applied Physics Letters, 2010, 97, 083308.	1.5	65
453	High performance organic light-emitting diodes based on tetra(methoxy)-containing anthracene derivatives as a hole transport and electron-blocking layer. Journal of Materials Chemistry, 2010, 20, 8382.	6.7	19
454	Stress-induced current and luminescence modulations in an organic light-emitting device. Applied Physics Letters, 2010, 97, 203304.	1.5	10
455	High-Efficiency Nondoped Deep-Blue-Emitting Organic Electroluminescent Device. Chemistry of Materials, 2010, 22, 2138-2141.	3.2	68
456	Role of Substitution on the Photophysical Properties of 5,5'-Diaryl-2,2'-bipyridine (bpy*) in [Ir(ppy) ₂ (bpy*)]PF ₆ Complexes: A Combined Experimental and Theoretical Study. Inorganic Chemistry, 2010, 49, 5625-5641.	1.9	155

#	ARTICLE	IF	CITATIONS
457	Synthesis and Characterization of the Ground and Excited States of Tripodal-like Oligothiényl-imidazoles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4964-4972.	1.2	27
458	Analysis of Organic Light-Emitting Diode As a Maxwell-Wagner Effect Element by Time-Resolved Optical Second Harmonic Generation Measurement. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 803-807.	2.1	55
459	Highly Fluorescent Aggregates Modulated by Surfactant Structure and Concentration. <i>Journal of Physical Chemistry B</i> , 2010, 114, 8934-8940.	1.2	31
460	Solid-Phase Synthesis of Unsymmetrical trans-Stilbenes. <i>ACS Combinatorial Science</i> , 2010, 12, 45-50.	3.3	12
461	Lanthanide luminescence for functional materials and bio-sciences. <i>Chemical Society Reviews</i> , 2010, 39, 189-227.	18.7	3,065
462	Structure, DC and AC conductivity of oxazine thin films prepared by thermal evaporation technique. <i>Synthetic Metals</i> , 2010, 160, 743-749.	2.1	6
463	3,12-Dimethoxy-7,8-dicyano-[5]helicene as a novel emissive material for organic light-emitting diode. <i>Synthetic Metals</i> , 2010, 160, 1148-1152.	2.1	103
464	Controlling of electrical characteristics of Al/p-Si Schottky diode by tris(8-hydroxyquinolino) aluminum organic film. <i>Synthetic Metals</i> , 2010, 160, 2559-2563.	2.1	57
465	Bright Sky-Blue Phosphorescence of [<i>n</i> -Bu ₄ N][Pt(4,6-dFppy)(CN) ₂]: Synthesis, Crystal Structure, and Detailed Photophysical Studies. <i>Inorganic Chemistry</i> , 2010, 49, 7818-7825.	1.9	49
467	High current densities in a highly photoluminescent organic single-crystal light-emitting transistor. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	54
468	Luminescent Platinum Compounds: From Molecules to OLEDs. <i>Topics in Organometallic Chemistry</i> , 2010, , 75-111.	0.7	117
469	Density functional theoretical study of pentacene/noble metal interfaces with van der Waals corrections: Vacuum level shifts and electronic structures. <i>Journal of Chemical Physics</i> , 2010, 132, 134703.	1.2	118
470	Study of Ion-Paired Iridium Complexes (Soft Salts) and Their Application in Organic Light Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2010, 132, 3133-3139.	6.6	135
471	Highly stabilized luminescent polymer nanocomposites: fluorescence emission from metal quinolate complexes with inorganic nanocrystals. <i>Journal of Materials Chemistry</i> , 2010, 20, 10688.	6.7	12
472	Study on Non-enzymatic Glucose Sensor Based on a Ag ₂ O Nanoparticles Self-Assembled Ag Electrode. , 2010, , .		0
473	The composition effect of triphenylamine/polyimide composite nanolayers on the performance of hybrid organic light-emitting devices. <i>Semiconductor Science and Technology</i> , 2010, 25, 105006.	1.0	2
474	Interface studies of intermediate connectors and their roles in tandem OLEDs. <i>Journal of Materials Chemistry</i> , 2010, 20, 2539-2548.	6.7	54
475	Engineering the organic semiconductor-electrode interface in polymer solar cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 6604.	6.7	51

#	ARTICLE	IF	CITATIONS
476	Extraordinarily High Efficiency Improvement for OLEDs with High Surface-Charge Polymeric Nanodots. <i>ACS Nano</i> , 2010, 4, 4054-4060.	7.3	32
477	Iridium(III) Bis-tridentate Complexes with 6-(5-Trifluoromethylpyrazol-3-yl)-2,2'-bipyridine Chelating Ligands: Synthesis, Characterization, and Photophysical Properties. <i>Organometallics</i> , 2010, 29, 2882-2891.	1.1	24
478	Fluorescence Spectroscopic Properties of Nitro-Substituted Diphenylpolyenes: Effects of Intramolecular Planarization and Intermolecular Interactions in Crystals. <i>Journal of Physical Chemistry A</i> , 2010, 114, 172-182.	1.1	50
479	Electronic properties of BaCuChF (Ch=S,Se,Te) surfaces and BaCuSeF/ZnPc interfaces. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	12
480	Synthesis and Electroluminescent Properties of Blue Fluorescent Triphenylamine Substituted Anthracene Derivatives for OLEDs. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 530, 48/[204]-55/[211].	0.4	2
481	Density functional calculations of the electronic structure of 3-phenylamino-4-phenyl-1,2,4-triazole-5-thione. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 2975.	1.3	24
482	Diimide nanoclusters play hole trapping and electron injection roles in organic light-emitting devices. <i>Nanoscale</i> , 2011, 3, 1073-1077.	2.8	4
483	High efficiency low color-temperature organic light-emitting diodes with a blend interlayer. <i>Journal of Materials Chemistry</i> , 2011, 21, 17850.	6.7	31
484	Donor-acceptor type silole compounds with aggregation-induced deep-red emission enhancement: synthesis and application for significant intensification of near-infrared photoluminescence. <i>Chemical Communications</i> , 2011, 47, 4276.	2.2	49
485	Organic field-effect transistors based on novel organic semiconductors containing diazaboroles. <i>Journal of Materials Chemistry</i> , 2011, 21, 6607.	6.7	19
486	Synthesis and properties of n-type triphenylpyridine derivatives and applications in deep-blue organic light-emitting devices as electron-transporting layer. <i>Journal of Materials Chemistry</i> , 2011, 21, 12977.	6.7	29
487	Phenanthroimidazole-derivative semiconductors as functional layer in high performance OLEDs. <i>New Journal of Chemistry</i> , 2011, 35, 1534.	1.4	87
488	Intermediate Layers in Tandem Organic Solar Cells. <i>Green</i> , 2011, 1, .	0.4	44
489	Density Functional Theoretical Study of Perfluoropentacene/Noble Metal Interfaces with van der Waals Corrections: Adsorption States and Vacuum Level Shifts. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5767-5772.	1.5	23
490	Highly Efficient Blue Fluorescence from 3,2'-Silylene-Bridged 2-Phenylindoles in the Solid State. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11265-11274.	1.5	33
491	Thin film encapsulation for OLED display using silicon nitride and silicon oxide composite film. , 2011, , .		5
492	Highly efficient deep-blue organic electroluminescent devices doped with hexaphenylanthracene fluorophores. <i>Journal of Materials Chemistry</i> , 2011, 21, 8122.	6.7	37
493	Highly efficient blue organic light-emitting diode with an oligomeric host having high triplet-energy and high electron mobility. <i>Journal of Materials Chemistry</i> , 2011, 21, 9546.	6.7	46

#	ARTICLE	IF	CITATIONS
494	Long distance energy transfer in a polymer matrix doped with a perylene dye. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3527.	1.3	29
495	Approaches to Solution-Processed Multilayer Organic Light-Emitting Diodes Based on Cross-Linking. <i>Chemistry of Materials</i> , 2011, 23, 658-681.	3.2	188
496	Relating charge transport and performance in single-layer graded-composition organic light-emitting devices. <i>Journal of Applied Physics</i> , 2011, 110, .	1.1	17
497	Dispersion of linear and nonlinear optical susceptibilities and the hyperpolarizability of 3-methyl-4-phenyl-5-(2-pyridyl)-1,2,4-triazole. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2945-2952.	1.3	155
498	Synthesis, characterization and optical properties of distyrylanthracene-based polymers. <i>High Performance Polymers</i> , 2011, 23, 290-299.	0.8	7
499	Current trends in the optimization of low band gap polymers in bulk heterojunction photovoltaic devices. <i>Journal of Materials Chemistry</i> , 2011, 21, 7849.	6.7	48
500	Recent Advances in Conjugated Polymers for Light Emitting Devices. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2036-2054.	1.8	235
501	Effect of Ultrathin Magnesium Layer on the Performance of Organic Light-Emitting Diodes. <i>Energy Procedia</i> , 2011, 12, 525-530.	1.8	0
502	Optical modelling of an Alq ₃ -based organic light-emitting diode. <i>Journal of Optical Technology (A)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	2
503	Electronic structure of tris(8-hydroxyquinolino)aluminium(III) revisited using the Heyd-Scuseria-Ernzerhof hybrid functional: Theory and experiments. <i>Physical Review B</i> , 2011, 84, .	1.1	17
504	Efficient Deep Blue Organic Light-Emitting Diodes Based on Wide Band Gap 4-Hydroxy-8-Methyl-1,5-Naphthyridine Aluminum Chelate as Emitting and Electron Transporting Layer. <i>Journal of Display Technology</i> , 2011, 7, 454-458.	1.3	4
505	Deep blue polymer light emitting diodes based on easy to synthesize, non-aggregating polypyrene. <i>Optics Express</i> , 2011, 19, A1281.	1.7	23
506	Molecular Insight Into the Energy Levels at the Organic Donor/Acceptor Interface: A Quantum Mechanics/Molecular Mechanics Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14431-14436.	1.5	83
507	Initial stage of crystalline rubrene thin film growth on mica (001). <i>Synthetic Metals</i> , 2011, 161, 271-274.	2.1	4
508	Synthesis and characterization of efficient luminescent materials based on 2,1,3-benzothiadiazole with carbazole moieties. <i>Synthetic Metals</i> , 2011, 161, 718-723.	2.1	34
509	Microwave assisted click chemistry on a conductive polymer film. <i>Synthetic Metals</i> , 2011, 161, 812-816.	2.1	13
510	Performance reproducibility of organic light-emitting devices under exposure to atmospheric water vapor during fabrication: Sensitivity and chaotic-like behaviour of the quantum yield. <i>Synthetic Metals</i> , 2011, 161, 894-898.	2.1	2
511	Synthesis and characterization of poly(triphenylamine)s with electron-withdrawing trifluoromethyl side groups for emissive and hole-transporting layer. <i>Synthetic Metals</i> , 2011, 161, 2092-2096.	2.1	14

#	ARTICLE	IF	CITATIONS
512	Fast-Response Organic Light-Emitting Diode for Interactive Optical Communication. , 0, , .		2
514	Theoretical study of radiative and non-radiative decay processes in pyrazine derivatives. Journal of Chemical Physics, 2011, 135, 014304.	1.2	65
515	Modified 4-(dicyanomethylene)-2-tert-butyl-6-(1,1,7,7-tetra-methyljulolidyl-9-enyl)-4H-pyran-containing red fluorescent emitters for efficient organic light-emitting diodes. Thin Solid Films, 2011, 520, 510-514.	0.8	10
516	Highly efficient phosphorescent organic light-emitting diodes using a beryllium metalâ€chelate complex as electron-transporting host material. Organic Electronics, 2011, 12, 1783-1787.	1.4	10
517	Precise pixel patterning of small molecule organic light-emitting devices by spin casting. Organic Electronics, 2011, 12, 2095-2102.	1.4	7
518	Structural properties and bonding nature of 3-methyl-4-phenyl-5-(2-pyridyl)-1,2,4-triazole single crystal. Materials Chemistry and Physics, 2011, 130, 458-465.	2.0	16
519	Electrogenerated chemiluminescence properties of bisalicylideneethylenediamino (salen) metal complexes. Inorganica Chimica Acta, 2011, 379, 158-162.	1.2	9
520	Molecular orientation in small-molecule organic light-emitting diodes. Journal of Materials Chemistry, 2011, 21, 19187.	6.7	527
521	Study of structure and spectral characteristics of the binuclear zinc complex with (E)-2-({2-[3-(pyridin-2-yl)-1H-1,2,4-triazol-5-yl]phenylimino}methyl)phenol. Russian Journal of General Chemistry, 2011, 81, 2332-2344.	0.3	13
522	Electroluminescent materials for white organic light emitting diodes. Chemical Society Reviews, 2011, 40, 3467.	18.7	794
523	Integer charge transfer states in organic light-emitting diodes: Optical detection of hole carriers at the anodeâ€organic interface. Journal of Applied Physics, 2011, 109, 013709.	1.1	15
524	Bipolar anthracene derivatives containing hole- and electron-transporting moieties for highly efficient blue electroluminescence devices. Journal of Materials Chemistry, 2011, 21, 2957.	6.7	185
525	Theoretical prediction of ionization/oxidation potentials in conjugated polymers. Theoretical Chemistry Accounts, 2011, 128, 157-164.	0.5	10
526	High-brightness organic light-emitting diodes. Journal of Shanghai University, 2011, 15, 248-251.	0.1	1
527	Radical anions containing the dioxidated 1,2,5â€thiadiazole heterocycle. Part II. Journal of Physical Organic Chemistry, 2011, 24, 1039-1044.	0.9	6
528	Synthesis, Characterization and Photophysical Properties of DCMâ€Based Lightâ€Harvesting Dendrimers. Macromolecular Chemistry and Physics, 2011, 212, 849-859.	1.1	9
529	Low Driving Voltage, High Quantum Efficiency, High Power Efficiency, and Little Efficiency Rollâ€Off in Red, Green, and Deepâ€Blue Phosphorescent Organic Lightâ€Emitting Diodes Using a Highâ€Tripletâ€Energy Hole Transport Material. Advanced Materials, 2011, 23, 4568-4572.	11.1	95
530	Synthesis, Structures, and Unique Luminescent Properties of Tridentate C^{â€S}C^{â€S}N Cyclometalated Complexes of Iridium. European Journal of Inorganic Chemistry, 2011, 2011, 2869-2878.	1.0	35

#	ARTICLE	IF	CITATIONS
531	Synthesis and characterization of new anthracene-based semiconducting polyethers. Journal of Applied Polymer Science, 2011, 119, 1443-1449.	1.3	20
532	Design and Synthesis of Iridium Bis(carbene) Complexes for Efficient Blue Electrophosphorescence. Chemistry - A European Journal, 2011, 17, 9180-9187.	1.7	129
533	A theoretical study of ambipolar organic transport material: 1,4-Bis(pentafluorobenzyl)[60]-fullerene. Chemical Physics Letters, 2011, 506, 255-259.	1.2	7
534	The synthesis and photophysical properties of novel poly(diarylamino)styrenes. Dyes and Pigments, 2011, 88, 358-365.	2.0	18
535	Orange phosphorescent organic light-emitting diodes based on spirobenzofluorene type carbazole derivatives as a host material. Dyes and Pigments, 2011, 89, 29-36.	2.0	9
536	High-efficiency red, green and blue phosphorescent homojunction organic light-emitting diodes based on bipolar host materials. Organic Electronics, 2011, 12, 843-850.	1.4	86
537	Characterization of the PEDOT:PSS/KDP mixture on a flexible substrates and the use in pressure sensing devices. Applied Surface Science, 2011, 257, 8594-8599.	3.1	4
538	Utilizing a simple and reliable method to investigate the optical functions of small molecular organic films Alq3 and Gaq3 as examples. Measurement: Journal of the International Measurement Confederation, 2011, 44, 1468-1474.	2.5	64
539	Investigation of photophysical properties of mer-tris(8-hydroxyquinolato) aluminum (III) and its derivatives: DFT and TD-DFT calculations. Journal of Luminescence, 2011, 131, 169-176.	1.5	9
540	Study on triplet exciton diffusion length of mCP in phosphorescent organic light-emitting devices using electroluminescent spectra. Journal of Luminescence, 2011, 131, 1260-1263.	1.5	15
541	Synthesis and electrophosphorescent device study of carbazole containing dendronized styrenic polymers. Polymer, 2011, 52, 2531-2536.	1.8	6
542	Examining the transparency of gallium-doped zinc oxide for photovoltaic applications. Solar Energy Materials and Solar Cells, 2011, 95, 2400-2406.	3.0	20
543	Orientation dependent ionization potential of In ₂ O ₃ : a natural source for inhomogeneous barrier formation at electrode interfaces in organic electronics. Journal of Physics Condensed Matter, 2011, 23, 334203.	0.7	36
544	Direct Probing of Carrier Behavior in Electroluminescence Indium-Zinc-Oxide/N,N'-Di-[(1-naphthyl)-N,N'-diphenyl]-(1,1'-biphenyl)-4,4'-diamine/Tris(8-hydroxy-quinolato)aluminum(III)/LiF/Al Diode by Time-Resolved Optical Second-Harmonic Generation. Japanese Journal of Applied Physics, 2011, 50, 04DK08.	0.8	8
545	Dual efficiency enhancement by delayed fluorescence and dipole orientation in high-efficiency fluorescent organic light-emitting diodes. Applied Physics Letters, 2011, 99, .	1.5	89
546	Thermodynamic stability, stoichiometry, and electronic structure of bcc-In ₂ O ₃ surfaces. Physical Review B, 2011, 84, .	1.1	77
547	Absorptive and conductive cavity cathode with silver nanoparticles for low-reflection organic light-emitting devices. Journal Physics D: Applied Physics, 2011, 44, 095102.	1.3	10
548	Synthesis and properties of red luminescent 2-(3-(4-(bis(2-(trityloxy)ethyl)amino)styryl)-5,5-dimethylcyclohex-2-enylidene) malononitrile for organic light-emitting diodes. IOP Conference Series: Materials Science and Engineering, 2011, 23, 012019.	0.3	2

#	ARTICLE	IF	CITATIONS
549	Deep-blue and white organic light-emitting diodes based on novel fluorene-cored derivatives with naphthylanthracene endcaps. <i>Journal of Materials Chemistry</i> , 2011, 21, 12969.	6.7	58
550	Electroluminescence of Naturally Oxidized Polypyrrole. <i>Solid State Phenomena</i> , 0, 181-182, 245-250.	0.3	0
551	Full-Color LCD Microdisplay System Based on OLED Backlight Unit and Field-Sequential Color Driving Method. <i>International Journal of Photoenergy</i> , 2011, 2011, 1-6.	1.4	5
552	Synthesis and Physical Properties of Red Luminescent Glass Forming Pyranilidene and Isophorene Fragment Containing Derivatives. , 2012, , .		1
553	Enhancement of Efficiency and Lifetime of Blue Organic Light-Emitting Diodes Using Two Dopants in Single Emitting Layer. <i>Advances in Materials Science and Engineering</i> , 2012, 2012, 1-4.	1.0	1
554	Synthesis and Characterization of a Blue Light Emitting Material Base on the Spirobifluorene with High Thermal Stability. <i>ECS Journal of Solid State Science and Technology</i> , 2012, 1, R103-R107.	0.9	2
555	An Enhanced Operational Stability of Organic Light Emitting Devices with Polymeric Buffer Layer. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 041601.	0.8	3
556	Electronic excitation spectrum of the photosensitizer [Ir(ppy) ₂ (bpy)] ⁺ . <i>Journal of Chemical Physics</i> , 2012, 136, 214305.	1.2	37
557	ADSORPTION STATES AND SITE CONVERSIONS OF PHENYLACETYLENE ON $\langle 100 \rangle$ Si(100)2 Å-1 CALCULATED BY DFT. <i>Journal of Theoretical and Computational Chemistry</i> , 2012, 11, 1089-1099.	1.8	17
558	Highly efficient blue fluorescent OLEDs with doped double emitting layers based on p-n heterojunctions. <i>Chinese Physics B</i> , 2012, 21, 058503.	0.7	2
559	Oxygen-induced metal-insulator-transition on single crystalline metal oxide wires. <i>Journal of Applied Physics</i> , 2012, 111, 013713.	1.1	12
560	Introduction to Organic Vapor Phase Deposition (OVPD) Technology for Organic (Opto-)electronics. <i>Nanoscience and Technology</i> , 2012, , 155-170.	1.5	2
561	A theoretical study of structural and electronic properties of pentacene/Al(1 0 0) interface. <i>Journal of Molecular Graphics and Modelling</i> , 2012, 38, 334-341.	1.3	10
562	Metal-free organic dyes for dye-sensitized solar cells: recent advances. <i>Tetrahedron</i> , 2012, 68, 8383-8393.	1.0	138
563	Versatile Fluorinated Derivatives of Triphenylamine as Hole-Transporters and Blue-Violet Emitters in Organic Light-Emitting Devices. <i>Journal of Physical Chemistry C</i> , 2012, 116, 20504-20512.	1.5	47
564	Cascade synthesis of bis-N-sulfonylcyclobutenes via Cu(i)/Lewis acid-catalyzed (3 + 2)/(2 + 2) cycloadditions: observation of aggregation-induced emission enhancement from restricted C=C photoisomerization. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2937.	1.5	23
565	Solvatochromism and Nonradiative Decay of Intramolecular Charge Transfer Excited States: Bands of Energy Model, Thermodynamics, and Self-Organization. <i>ChemPhysChem</i> , 2012, 13, 4081-4093.	1.0	31
566	Synthesis and characterization of new anthracene-based semi-conducting materials. <i>Journal of Materials Science</i> , 2012, 47, 8067-8075.	1.7	18

#	ARTICLE	IF	CITATIONS
567	First-principles theoretical study of organic/metal interfaces: Vacuum level shifts and interface dipoles. <i>Current Applied Physics</i> , 2012, 12, S2-S9.	1.1	18
568	Blue Organic Light-Emitting Diodes Based on Diarylamino-Substituted Stilbene Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 563, 195-205.	0.4	3
569	Anionic iridium complexes for solid state light-emitting electrochemical cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 9556.	6.7	52
570	Synthesis and application of dithieno[2,3-d:2',3'-d']benzo[1,2-b:4,5-b']dithiophene in conjugated polymer. <i>Journal of Materials Chemistry</i> , 2012, 22, 21362.	6.7	65
571	Phenanthroline diimide as an organic electron-injecting material for organic light-emitting devices. <i>RSC Advances</i> , 2012, 2, 8762.	1.7	6
572	Study of the effect of stress-induced trap levels on OLED characteristics by numerical model. , 2012, , .		1
573	A New Starburst DCM-Type Red-Light-Emitting Material for Electroluminescence Applications: Physical and Electroluminescent Characteristics of TNGT. , 2012, , .		0
574	Improving the Performance of Pt(II) Complexes for Blue Light Emission by Enhancing the Molecular Rigidity. <i>Inorganic Chemistry</i> , 2012, 51, 312-319.	1.9	211
575	Perfectly Regioregular Electroactive Polyolefins: Impact of Inter-Chromophore Distance on PLED EQE. <i>Macromolecules</i> , 2012, 45, 705-712.	2.2	18
576	Control of Charge-Carrier Mobility via In-Chain Spacer Length Variation in Sequenced Triarylamine Functionalized Polyolefins. <i>ACS Macro Letters</i> , 2012, 1, 324-327.	2.3	14
577	Theoretical study of β -fluorenyl oligothiophenes as color tunable emissive materials for highly efficient electroluminescent device. <i>Organic Electronics</i> , 2012, 13, 1836-1843.	1.4	22
578	p - n junction organic photovoltaics fabricated by all solution processing. <i>Synthetic Metals</i> , 2012, 161, 2798-2802.	2.1	4
579	The development of anthracene derivatives for organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 10977.	6.7	254
580	Electronic excitation spectra of the [Ir(ppy) ₂ (bpy)] ⁺ photosensitizer bound to small silver clusters Ag _n (n = 1-6). <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4977.	1.3	6
581	Sputter deposition of indium tin oxide onto zinc phthalocyanine: Chemical and electronic properties of the interface studied by photoelectron spectroscopy. <i>Applied Surface Science</i> , 2012, 258, 3913-3919.	3.1	6
582	Current-Confinement Structure and Extremely High Current Density in Organic Light-Emitting Transistors. <i>Advanced Materials</i> , 2012, 24, 6141-6146.	11.1	85
583	Wide-Range Refractive Index Control of Organic Semiconductor Films Toward Advanced Optical Design of Organic Optoelectronic Devices. <i>Advanced Materials</i> , 2012, 24, 6368-6373.	11.1	35
584	Novel multifunctional organic semiconductor materials based on 4,8-substituted 1,5-naphthyridine: synthesis, single crystal structures, opto-electrical properties and quantum chemistry calculation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6693.	1.5	26

#	ARTICLE	IF	CITATIONS
585	Efficient blue electroluminescence of silylene-bridged 2-(2-naphthyl)indole. <i>Journal of Materials Chemistry</i> , 2012, 22, 4337-4342.	6.7	22
586	Direct Encapsulation of OLED on CMOS. , 2012, , 581-599.		0
587	Tetraphenylethene: a versatile AIE building block for the construction of efficient luminescent materials for organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 23726.	6.7	761
588	Synthesis, optical, and thermal properties of glassy trityl group containing luminescent derivatives of 2-tert-butyl-6-methyl-4H-pyran-4-one. <i>Proceedings of SPIE</i> , 2012, , .	0.8	3
589	Structureâ€“properties correlation of copolymers derived from poly(phenylene vinylene) (PPV). <i>Synthetic Metals</i> , 2012, 162, 1762-1768.	2.1	9
590	Mechanical bending of flexible complementary inverters based on organic and oxide thin film transistors. <i>Organic Electronics</i> , 2012, 13, 2401-2405.	1.4	42
591	Unravelling the Role of the Central Metal Ion in the Electronic Structure of Tris(8-hydroxyquinoline) Metal Chelates: Photoemission Spectroscopy and Hybrid Functional Calculations. <i>Journal of Physical Chemistry A</i> , 2012, 116, 11548-11552.	1.1	4
592	Solution-processed organic thin films based on aggregation-induced emission materials. <i>Thin Solid Films</i> , 2012, 526, 15-21.	0.8	2
593	Colour tuning from green to red by substituent effects in phosphorescent tris-cyclometalated iridium(iii) complexes of carbazole-based ligands: synthetic, photophysical, computational and high efficiency OLED studies. <i>Journal of Materials Chemistry</i> , 2012, 22, 6419.	6.7	96
594	Influence of different hole transport layer on the performance of organic light-emitting devices. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
595	Synthesis and electroluminescent characterization of a symmetric starburst orange-red light material. <i>Journal of Luminescence</i> , 2012, 132, 2863-2867.	1.5	9
596	Performance enhancement of organic light-emitting diodes by chlorine plasma treatment of indium tin oxide. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	47
597	Blue-light-emitting multifunctional triphenylamine-centered starburst quinolines: synthesis, electrochemical and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4704.	1.5	18
598	Organic light-emitting diodes based on an ambipolar single crystal. <i>Organic Electronics</i> , 2012, 13, 762-766.	1.4	53
599	Synthesis, structure, and luminescent properties of 2-[2-(9-anthryl)vinyl]quinolines. <i>Russian Journal of Organic Chemistry</i> , 2012, 48, 78-82.	0.3	21
601	1,4â€“Bis(diarylamino)â€“2,5â€“bis(4â€“cyanophenylethenyl)benzenes: Fluorophores Exhibiting Efficient Red and Nearâ€“Infrared Emissions in Solid State. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4095-4099.	7.2	172
602	Tuning the Solidâ€“State Luminescence of BODIPY Derivatives with Bulky Arylsilyl Groups: Synthesis and Spectroscopic Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 7852-7861.	1.7	128
603	High luminance organic light-emitting diodes with efficient multi-walled carbon nanotube hole injectors. <i>Carbon</i> , 2012, 50, 4163-4170.	5.4	25

#	ARTICLE	IF	CITATIONS
604	New limb structured blue light emitting materials for OLEDs. <i>Dyes and Pigments</i> , 2012, 95, 384-391.	2.0	14
605	Theoretical study of the alkoxy groups effect on PPV-ether excited states, a relationship with femtosecond decay. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 88, 23-30.	2.0	21
606	Synthesis, photophysical and electrochemical properties of a carbazole dimer-based derivative with benzothiazole units. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 93, 19-25.	2.0	20
607	Enhanced performance of organic light-emitting devices by using electropolymerized poly(3,4-ethylenedioxythiophene):poly(styrene sulfonate) film as the anode modification layer. <i>Thin Solid Films</i> , 2012, 520, 2979-2983.	0.8	3
608	Surface studies of crystalline and amorphous ZnInO transparent conducting oxides. <i>Thin Solid Films</i> , 2012, 520, 5633-5639.	0.8	13
609	Thermal and optical properties of red luminescent glass forming symmetric and non symmetric styryl-4H-pyran-4-ylidene fragment containing derivatives. <i>Optical Materials</i> , 2012, 34, 1501-1506.	1.7	29
610	Efficient non-doped blue light emitting diodes based on novel carbazole-substituted anthracene derivatives. <i>Organic Electronics</i> , 2012, 13, 43-52.	1.4	37
611	Photoinduced negative magnetoresistance in 6,13-bis(triisopropylsilylethynyl)-pentacene field-effect transistors. <i>Organic Electronics</i> , 2012, 13, 377-383.	1.4	9
612	High-efficiency low color temperature organic light emitting diodes with solution-processed emissive layer. <i>Organic Electronics</i> , 2012, 13, 899-904.	1.4	19
613	Organic light-emitting diode-based plausibly physiologically-friendly low color-temperature night light. <i>Organic Electronics</i> , 2012, 13, 1349-1355.	1.4	29
614	Investigation of the electrical properties of a new PPV derivative-based on a sandwich structure for opto-electronic applications. <i>Physica B: Condensed Matter</i> , 2012, 407, 1051-1054.	1.3	9
615	Formation of thin luminescent Eu ³⁺ -LB films by in situ coordination with 2,3,5,6-tetra(2-pyridyl)pyrazine and 1-octadecanol in pure and mixed Langmuir monolayers. <i>Journal of Luminescence</i> , 2012, 132, 1116-1121.	1.5	11
616	Photoluminescence of bis(8-hydroxyquinoline) zinc (Znq ₂) and magnesium (Mgq ₂). <i>Open Physics</i> , 2012, 10, .	0.8	12
617	Charge Injection in Solution-Processed Organic Field-Effect Transistors: Physics, Models and Characterization Methods. <i>Advanced Materials</i> , 2012, 24, 1357-1387.	11.1	389
618	Effects of piezoresistivity of pentacene channel in organic thin film transistors under mechanical bending. <i>Electronic Materials Letters</i> , 2012, 8, 11-16.	1.0	10
619	High-Performance Organic Light-Emitting Diode Displays. <i>Integrated Circuits and Systems</i> , 2013, , 57-81.	0.2	2
620	Novel blue luminescent materials for organic light-emitting diodes based on C ₉ -fluorenyl anthracenes. <i>Dyes and Pigments</i> , 2013, 96, 642-652.	2.0	22
621	Four-coordinate organoboron compounds for organic light-emitting diodes (OLEDs). <i>Chemical Society Reviews</i> , 2013, 42, 8416.	18.7	468

#	ARTICLE	IF	CITATIONS
622	Fluorine-doped tin oxide surfaces modified by self-assembled alkanethiols for thin-film devices. <i>Applied Surface Science</i> , 2013, 279, 67-70.	3.1	13
623	Investigation of Al ₂ O ₃ barrier film properties made by atomic layer deposition onto fluorescent tris-(8-hydroxyquinoline) aluminium molecular films. <i>Thin Solid Films</i> , 2013, 548, 517-525.	0.8	17
624	Diaminobenzene-Cored Fluorophores Exhibiting Highly Efficient Solid-State Luminescence. , 2013, , 83-104.		5
625	Enhancement of light extraction of green top-emitting organic light-emitting diodes with refractive index gradually changed coupling layers. <i>Organic Electronics</i> , 2013, 14, 3234-3239.	1.4	11
626	Inexpensive and valuable: a series of new luminogenic molecules with the tetraphenylethene core having excellent aggregation induced emission properties. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7081.	2.7	35
627	Enhanced performance in polymer light emitting diodes using an indium-zinc-tin oxide transparent anode by the controlling of oxygen partial pressure at room temperature. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7009.	2.7	26
628	New carbazole-substituted anthracene derivatives based non-doped blue light-emitting devices with high brightness and efficiency. <i>Dyes and Pigments</i> , 2013, 99, 577-587.	2.0	36
629	Microresonator-enhanced electroluminescence of an organic light emitting diode based on a columnar liquid crystal. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	14
630	Oxygen effect of transparent conducting amorphous Indium Zinc Tin Oxide films on Polyimide substrate for flexible electrode. <i>Thin Solid Films</i> , 2013, 547, 32-37.	0.8	5
631	Platinum CCC-NHC benzimidazolyl pincer complexes: synthesis, characterization, photostability, and theoretical investigation of a blue-green emitter. <i>Dalton Transactions</i> , 2013, 42, 8820.	1.6	33
632	Highly efficient deep-blue organic electroluminescent devices (CIEy $\hat{=}$ 0.08) doped with fluorinated 9,9-bianthracene derivatives (fluorophores). <i>Journal of Materials Chemistry C</i> , 2013, 1, 8117.	2.7	55
633	A review on fabrication process of organic light emitting diodes. , 2013, , .		10
634	Synthesis and luminescence properties of 2-(2-benzoyloxyphenyl)-5-aryl-1,3,4-oxadiazoles. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 1861-1863.	0.3	24
635	Progress in Modification of Indium-Tin Oxide/Organic Interfaces for Organic Light-Emitting Diodes. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2013, 38, 318-352.	6.8	44
636	67.4: Fast Transient Vth Compensation Circuit for AMOLED Displays with P-type GOA Driving. <i>Digest of Technical Papers SID International Symposium</i> , 2013, 44, 939-942.	0.1	11
637	QSPR based on support vector machines to predict the glass transition temperature of compounds used in manufacturing OLEDs. <i>Molecular Simulation</i> , 2013, 39, 234-244.	0.9	10
638	Morphology evolution of a-plane ZnO films on r-plane sapphire with growth by pulsed laser deposition. <i>Applied Surface Science</i> , 2013, 265, 553-557.	3.1	5
639	Transparent Conducting Oxides: Electronic Structure-Property Relationship from Photoelectron Spectroscopy with <i>in situ</i> Sample Preparation. <i>Journal of the American Ceramic Society</i> , 2013, 96, 331-345.	1.9	123

#	ARTICLE	IF	CITATIONS
640	Synthesis, Structural Characterization, Thermal, and Electrochemical Investigations of a Square Pyramid Manganese(III) Complex With a Schiff Base Ligand Acting as N ₂ O ₂ Tetradentate in Equatorial and as O Monodentate in Axial Positions: Application as a Precursor for Preparation of Mn-Doped ZnO Nanoparticle. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 406-411.	0.6	18
641	Influence of Hole-Sequestering Ligands on the Photostability of CdSe Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2013, 117, 313-320.	1.5	29
642	Thin films of organic molecules. , 2013, , 591-609.		2
643	Synthesis, optical properties, and blue electroluminescence of fluorene derivatives containing multiple imidazoles bearing polyaromatic hydrocarbons. <i>Tetrahedron</i> , 2013, 69, 2594-2602.	1.0	32
644	2,1,3-Benzothiadiazole and Derivatives: Synthesis, Properties, Reactions, and Applications in Light Technology of Small Molecules. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 228-255.	1.2	255
645	Doping of organic semiconductors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 9-43.	0.8	500
646	Frequency dependent capacitance and conductance properties of Schottky diode based on rubrene organic semiconductor. <i>Physica B: Condensed Matter</i> , 2013, 426, 132-136.	1.3	18
647	Improved power efficiency in blue phosphorescent organic light-emitting diodes using diphenylmethyl linkage based high triplet energy hole transport materials. <i>Organic Electronics</i> , 2013, 14, 370-377.	1.4	9
648	Optical, electrical and sensing properties of β -ketoimine calix[4]arene thin films. <i>Materials Chemistry and Physics</i> , 2013, 141, 781-789.	2.0	10
649	Analysis of electrical properties of Al/p-Si Schottky contacts with and without rubrene layer. <i>Synthetic Metals</i> , 2013, 168, 16-22.	2.1	26
650	Amino diphenyl quinoline: a promising blue emitting organic luminescent material. <i>Indian Journal of Physics</i> , 2013, 87, 19-23.	0.9	2
651	Interfacial degradation in organic optoelectronics. <i>RSC Advances</i> , 2013, 3, 6188.	1.7	107
652	Highly efficient green phosphorescent OLEDs based on a novel iridium complex. <i>Journal of Materials Chemistry C</i> , 2013, 1, 560-565.	2.7	86
653	Charge and energy transfers in functional metallophosphors and metallopolynes. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1614-1649.	9.5	172
654	Double Alkylene-Strapped Diphenylanthracene as a Photostable and Intense Solid-State Blue-Emitting Material. <i>Journal of Organic Chemistry</i> , 2013, 78, 2206-2212.	1.7	77
656	Chemical Degradation in Organic Light-Emitting Devices: Mechanisms and Implications for the Design of New Materials. <i>Advanced Materials</i> , 2013, 25, 2114-2129.	11.1	288
657	Syntheses, Photoluminescence, and Electroluminescence of a Series of Iridium Complexes with Trifluoromethyl-Substituted 2-Phenylpyridine as the Main Ligands and Tetraphenylimidodiphosphinate as the Ancillary Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 4916-4925.	1.9	98
659	Direct Threat of a UV-Ozone Treated Indium Oxide Substrate to the Stabilities of Common Organic Semiconductors. <i>Advanced Functional Materials</i> , 2013, 23, 1718-1723.	7.8	45

#	ARTICLE	IF	CITATIONS
660	Synthesis, crystal structures, and photophysical properties of a series of novel tetrahydrobenzodiacridines. <i>Journal of Luminescence</i> , 2013, 134, 566-575.	1.5	1
661	Near-infrared phosphorescence: materials and applications. <i>Chemical Society Reviews</i> , 2013, 42, 6128.	18.7	566
662	High efficiency yellow organic light-emitting diodes with a solution-processed molecular host-based emissive layer. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1680.	2.7	30
663	A Versatile Triphenylamine/Fluoranthene-Based Derivative as a Nondoped Green-Emitting, Hole-Transporting Interlayer for Electroluminescent Devices. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1253-1258.	1.7	19
664	Synthesis, Crystal Structure, and Electrochemical Properties of Two New Manganese Complexes With a Ligand Derived From 1,2-Propanediamine and 2-Hydroxy-5-Methoxybenzaldehyde. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 400-405.	0.6	6
665	Diorgano-Gallium and -Indium Complexes Derived from Benzoazole Ligands: Synthesis, Characterization, Photoluminescence, and Computational Studies. <i>Organometallics</i> , 2013, 32, 104-111.	1.1	30
666	Photochemical Materials: Absorbers, Emitters, Displays, Sensitisers, Acceptors, Traps and Photochromics. , 2013, , 149-216.		1
667	Fluorinated 9,9'-spirobifluorene derivatives as host materials for highly efficient blue organic light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2183.	2.7	51
668	Emitting electrode coatings with redox-switchable conductivity: incorporation of ruthenium(ii)-2,6-di(quinolin-8-yl)pyridine complexes into polythiophene by electropolymerization. <i>RSC Advances</i> , 2013, 3, 11686.	1.7	13
669	Pyrenoimidazole-Based Deep-Blue-Emitting Materials: Optical, Electrochemical, and Electroluminescent Characteristics. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2111-2124.	1.7	53
670	Electrical properties of Au/perylene-monoimide/p-Si Schottky diode. <i>Journal of Alloys and Compounds</i> , 2013, 577, 30-36.	2.8	46
671	Comprehensive Study on the Electron Transport Layer in Blue Fluorescent Organic Light-Emitting Diodes. <i>ECS Journal of Solid State Science and Technology</i> , 2013, 2, R258-R261.	0.9	24
672	Synthesis and Photophysical Properties of Novel 4-Aryl Substituted Thiophen Derivatives with a Vinyl-Quinoline Unit. <i>Journal of Chemical Research</i> , 2013, 37, 441-443.	0.6	1
673	Iridium and platinum complexes for OLEDs. , 2013, , 77-113.		21
674	Wide band gap triarylamine derivative doped with organosulfonic acid and its application for organic light-emitting devices. <i>Journal of Organic Semiconductors</i> , 2013, 1, 22-29.	1.2	1
675	High Efficiency White Organic Light-Emitting Devices Incorporating Yellow Phosphorescent Platinum(II) Complex and Composite Blue Host. <i>Advanced Functional Materials</i> , 2013, 23, 5168-5176.	7.8	95
676	Synthesis of Some Green Dopants for OLEDs Based on Arylamine 2,3-disubstituted Bithiophene Derivatives. <i>Molecules</i> , 2013, 18, 14033-14041.	1.7	5
677	Dewetting Stability of ITO Surfaces in Organic Optoelectronic Devices. , 0, , .		3

#	ARTICLE	IF	CITATIONS
678	High Efficiency Organic Light-Emitting Diode by Ag Anode Technique. <i>Ferroelectrics</i> , 2014, 473, 94-99.	0.3	1
679	Electric field-induced hole injection-enhanced photoluminescence in a N,N'-bis(3-methylphenyl)-N,N'-bis(phenyl)-benzidine-based emitter. <i>Chinese Physics B</i> , 2014, 23, 047202.	0.7	0
680	Synthesis and photophysical characterization of novel π -conjugated vinyl sulfides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 290, 1-10.	2.0	9
681	Highly Efficient Yellow Organic Light Emitting Diode with a Novel Wet and Dry Process Feasible Iridium Complex Emitter. <i>Advanced Functional Materials</i> , 2014, 24, 555-562.	7.8	75
682	White OLED Materials. , 2014, , 1-23.		0
683	Bifunctional organic materials for OLEDs based on Tröger's base: Subtle structural changes and significant differences in electroluminescence. <i>Organic Electronics</i> , 2014, 15, 3766-3772.	1.4	22
684	Novel hole transport materials based on N,N'-disubstituted-dihydrophenazine derivatives for electroluminescent diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9858-9865.	2.7	61
685	Synthesis and characterization of greenish-blue emitting vinyl copolymer containing pyrene and triarylamine moieties. <i>Polymer International</i> , 2014, 63, 1797-1805.	1.6	13
686	Role of Solution-Processable Polyethylenimine Electrode Interlayer in Fabricating Air-Stable Polymer Light-Emitting Diodes. <i>Israel Journal of Chemistry</i> , 2014, 54, 935-941.	1.0	1
687	Thermal and optical properties of 4H-pyran-4-ylidene fragment and bis-styryl and triphenyl groups containing derivatives. , 2014, , .		0
688	Organic Light - Emitting Diodes and their Applications. <i>Defect and Diffusion Forum</i> , 2014, 357, 29-93.	0.4	7
689	Fluorene derivatives for highly efficient non-doped single-layer blue organic light-emitting diodes. <i>Organic Electronics</i> , 2014, 15, 57-64.	1.4	27
690	Luminescent Materials: Locking π -Conjugated and Heterocyclic Ligands with Boron(III). <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2290-2310.	7.2	509
691	Understanding rate-limiting processes for the sublimation of small molecule organic semiconductors. <i>AIChE Journal</i> , 2014, 60, 1347-1354.	1.8	10
692	2-(2-Hydroxyphenyl)-5-(4-nonylphenyl)-1,3,4-oxadiazole and its beryllium complex. <i>Russian Journal of General Chemistry</i> , 2014, 84, 171-172.	0.3	20
693	Towards reliable charge-mobility benchmark measurements for organic semiconductors. <i>Organic Electronics</i> , 2014, 15, 1263-1272.	1.4	249
694	Microstructural Characterization of Organic Heterostructures by (Transmission) Electron Microscopy. <i>Crystal Growth and Design</i> , 2014, 14, 3010-3014.	1.4	3
695	Quantum yield in blue-emitting anthracene derivatives: vibronic coupling density and transition dipole moment density. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14244-14256.	1.3	42

#	ARTICLE	IF	CITATIONS
696	A hole transport material with ortho-linked terphenyl core structure for high power efficiency in blue phosphorescent organic light-emitting diodes. <i>Organic Electronics</i> , 2014, 15, 399-404.	1.4	19
697	Controlled positioning of metal nanoparticles in an organic light-emitting device for enhanced quantum efficiency. <i>Organic Electronics</i> , 2014, 15, 491-499.	1.4	38
698	Enhanced organic light-emitting diode based on a columnar liquid crystal by integration in a microresonator. <i>International Journal of Energy Research</i> , 2014, 38, 452-458.	2.2	20
699	Novel approaches for energy efficient solid state lighting by RGB organic light emitting diodes – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 32, 448-467.	8.2	156
700	Colored reflective organic light-emitting device without bias. <i>Organic Electronics</i> , 2014, 15, 785-791.	1.4	7
701	Highly efficient single-layer organic light-emitting devices based on a bipolar pyrazine/carbazole hybrid host material. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2488-2495.	2.7	67
702	Formation of Highly Ordered Organic Molecular Thin Films on Deactivated Si Surfaces Studied by Scanning Tunneling Microscopy and Low Energy Electron Diffraction. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2194-2201.	1.5	16
703	Graphene oxide derivatives as hole- and electron-extraction layers for high-performance polymer solar cells. <i>Energy and Environmental Science</i> , 2014, 7, 1297-1306.	15.6	180
704	Low-temperature plasma for compositional depth profiling of crosslinking organic multilayers: comparison with C ₆₀ and giant argon gas cluster sources. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1971-1978.	0.7	9
705	Growth of amino substituted anthracene thin films under non thermal equilibrium conditions. <i>Electronic Materials Letters</i> , 2014, 10, 929-934.	1.0	0
706	Planar light source using a phosphor screen with single-walled carbon nanotubes as field emitters. <i>Review of Scientific Instruments</i> , 2014, 85, 104704.	0.6	23
707	Structural relaxation of vapor-deposited molecular glasses and supercooled liquids. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 12073-12092.	1.3	48
708	A novel tetraphenylethene-carbazole type compound containing the dimesitylboron moiety: aggregation-induced emission enhancement and electroluminescence properties. <i>RSC Advances</i> , 2014, 4, 19418-19421.	1.7	13
709	Trifunctional Ir(III) ppy-type asymmetric phosphorescent emitters with ambipolar features for highly efficient electroluminescent devices. <i>Chemical Communications</i> , 2014, 50, 2473.	2.2	78
710	Fluorinated 9,9-bianthracene derivatives with twisted intramolecular charge-transfer excited states as blue host materials for high-performance fluorescent electroluminescence. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9375-9384.	2.7	23
711	Synthesis and Structure of a New Polydentate 8-Hydroxyquinoline Ligand System with a 1,3-Tropolone Fragment at Position 2 in the Quinoline Ring. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 828-837.	0.6	9
712	Thermodynamics of native defects in In ₂ O ₃ crystals using a first-principles method. <i>RSC Advances</i> , 2014, 4, 36983-36989.	1.7	11
713	A novel ambipolar polymer: from organic thin-film transistors to enhanced air-stable blue light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6491-6501.	2.7	18

#	ARTICLE	IF	CITATIONS
714	Growth and surface properties of epitaxial SnO ₂ . Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1997-2004.	0.8	24
715	Ab Initio Treatment of Disorder Effects in Amorphous Organic Materials: Toward Parameter Free Materials Simulation. Journal of Chemical Theory and Computation, 2014, 10, 3720-3725.	2.3	106
716	Synthesis and studies of electrochemical properties of lophine derivatives. RSC Advances, 2014, 4, 54740-54746.	1.7	22
717	Fluorescent Coumarin Derivatives with Viscosity Sensitive Emission - Synthesis, Photophysical Properties and Computational Studies. Journal of Fluorescence, 2014, 24, 1263-1274.	1.3	14
718	Effects of Substituents on the Size of Water-Dispersible Phthalocyanine Colloids Synthesized by Recipitation. Molecular Crystals and Liquid Crystals, 2014, 592, 218-228.	0.4	1
719	Phenomenological model for the interpretation of impedance/admittance spectroscopy results in polymer light-emitting electrochemical cells. Journal of Solid State Electrochemistry, 2014, 18, 3181-3190.	1.2	8
720	Design Aspects of Luminescent Organic Crystals. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2014, 84, 131-149.	0.8	18
721	Charging and exciton-mediated decharging of metal nanoparticles in organic semiconductor matrices. Applied Physics Letters, 2014, 104, 163302.	1.5	5
722	Highly Luminescent and Color-Tunable Salicylate Ionic Liquids. Chemistry - A European Journal, 2014, 20, 4704-4712.	1.7	33
723	Enhancement of fluorescence in anthracene by chlorination: Vibronic coupling and transition dipole moment density analysis. Chemical Physics, 2014, 430, 47-55.	0.9	40
724	A designed fluorescent anthracene derivative: Theory, calculation, synthesis, and characterization. Chemical Physics Letters, 2014, 602, 80-83.	1.2	22
725	Template-induced fabrication of nanopatterned polymeric films by inkjet printing. Applied Surface Science, 2014, 313, 237-242.	3.1	7
726	The effect of conjugation length distribution on the properties of modified PPV. Journal of Physics and Chemistry of Solids, 2014, 75, 752-758.	1.9	6
727	Study of carrier dynamics of N,N'-diphenyl-N,N'-bis (1,1'-biphenyl)-4,4'-diamine (NPB) through the frequency dependence of impedance spectroscopy and particle swarm optimization algorithm. EPJ Applied Physics, 2014, 66, 10202.	0.3	9
728	Theoretical Modeling for Electron Transfer in Organic Materials. , 2014, , 1-32.		0
730	Colored semi-transparent organic light-emitting diodes. Journal of Information Display, 2014, 15, 177-184.	2.1	11
731	Growth of Metal Phthalocyanine on Deactivated Semiconducting Surfaces Steered by Selective Orbital Coupling. Physical Review Letters, 2015, 115, 096101.	2.9	30
732	Pure Hydrocarbon Hosts for ~100% Exciton Harvesting in Both Phosphorescent and Fluorescent Light-Emitting Devices. Advanced Materials, 2015, 27, 4213-4217.	11.1	165

#	ARTICLE	IF	CITATIONS
733	Fluorescent Pyrene-Based Bis-azole Compounds: Synthesis and Photophysical Analysis. <i>Chemistry - A European Journal</i> , 2015, 21, 10566-10575.	1.7	33
734	Charge carrier mobility and electronic properties of Al(Op) ₃ : impact of excimer formation. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1107-1115.	1.5	7
735	Synthesis and Optical Characterization of Mixed Ligands Beryllium Complexes for Display Device Applications. <i>International Journal of Optics</i> , 2015, 2015, 1-7.	0.6	1
736	New efficient fused-ring spiro[benzoanthracene-fluorene] dopant materials for blue fluorescent organic light-emitting diodes. <i>New Journal of Chemistry</i> , 2015, 39, 3813-3820.	1.4	16
737	Integer versus Fractional Charge Transfer at Metal/(Insulator)/Organic Interfaces: Cu(NaCl)/TCNE. <i>ACS Nano</i> , 2015, 9, 5391-5404.	7.3	58
738	Cationic Water-Soluble Conjugated Polyelectrolytes/Graphene Oxide Nanocomposites as Efficient Green Hole Injection Layers in Organic Light Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13144-13152.	1.5	12
739	Synthesis and characterization of arylamino end-capped silafluorenes for blue to deep-blue organic light-emitting diodes (OLEDs). <i>Journal of Materials Chemistry C</i> , 2015, 3, 6822-6830.	2.7	32
740	Functionalized 2-(5-arylpyridin-2-yl)quinolines: synthesis and photophysical properties. <i>Russian Chemical Bulletin</i> , 2015, 64, 872-877.	0.4	8
741	AIE-Active Fluorene Derivatives for Solution-Processable Nondoped Blue Organic Light-Emitting Devices (OLEDs). <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28156-28165.	4.0	24
742	Twisted biaryl-amines as novel host materials for green-emissive phosphorescent organic light-emitting diodes (PhOLEDs). <i>RSC Advances</i> , 2015, 5, 101169-101176.	1.7	6
743	Emission from Charge Recombination during the Pulse Radiolysis of Bis(diarylamino)dihydro-indenoindene Derivatives. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17818-17824.	1.5	0
745	Ultrasonic spray coating as deposition technique for the light-emitting layer in polymer LEDs. <i>Organic Electronics</i> , 2015, 20, 31-35.	1.4	39
746	Amorphous Host Materials Based on Tröger's Base Scaffold for Application in Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3298-3305.	4.0	41
747	A meta-molecular tailoring strategy towards an efficient violet-blue organic electroluminescent material. <i>RSC Advances</i> , 2015, 5, 18067-18074.	1.7	45
748	Synthesis, Characterisation, and Electroluminescence Properties of N-Coumarin Derivatives Containing Peripheral Triphenylamine. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 496-505.	1.2	26
749	Novel materials for fabrication and encapsulation of OLEDs. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 44, 319-347.	8.2	106
750	The locally twisted thiophene bridged phenanthroimidazole derivatives as dual-functional emitters for efficient non-doped electroluminescent devices. <i>Organic Electronics</i> , 2015, 18, 61-69.	1.4	21
751	Interface properties of bilayer structure Alq ₃ /Fe ₆₅ Co ₃₅ . <i>Applied Surface Science</i> , 2015, 333, 119-125.	3.1	8

#	ARTICLE	IF	CITATIONS
752	Organic amorphous hole-transporting materials based on Tröger's Base: alternatives to NPB. RSC Advances, 2015, 5, 26806-26810.	1.7	22
753	Synthesis, aggregation-induced emission and electroluminescence properties of a novel compound containing tetraphenylethene, carbazole and dimesitylboron moieties. Journal of Materials Chemistry C, 2015, 3, 9095-9102.	2.7	17
754	Fluorinated anthracene derivatives as deep-blue emitters and host materials for highly efficient organic light-emitting devices. RSC Advances, 2015, 5, 59027-59036.	1.7	21
755	Effect of the side-chain size on the optical and electrical properties of confined-PPV derivatives. Superlattices and Microstructures, 2015, 85, 469-481.	1.4	7
756	High efficiency and low driving voltage blue/white electrophosphorescence enabled by the synergistic combination of singlet and triplet energy of bicarbazole derivatives. Organic Electronics, 2015, 26, 25-29.	1.4	9
757	Decay of the Exciton in Quaterthiophene-Terminated Alkanethiolate Self-Assembled Monolayers on Au(111). Journal of Physical Chemistry C, 2015, 119, 7400-7407.	1.5	19
758	Improvement of light extraction in organic light-emitting diodes using a corrugated microcavity. Optics Express, 2015, 23, 4055.	1.7	36
759	Generalized effective-medium model for the carrier mobility in amorphous organic semiconductors. Physical Review B, 2015, 91, .	1.1	26
760	Filamentary resistance switching in phthalocyanine thin films observed by electroluminescence. Applied Physics Letters, 2015, 106, .	1.5	7
761	Red emissive AIE luminogens with high hole-transporting properties for efficient non-doped OLEDs. Chemical Communications, 2015, 51, 7321-7324.	2.2	76
762	Multi-triphenylamine-substituted bis(thiophenyl)benzothiadiazoles as highly efficient solution-processed non-doped red light-emitters for OLEDs. Journal of Materials Chemistry C, 2015, 3, 3081-3086.	2.7	23
763	Luminous composite ultrathin films of the DCM dye assembled with layered double hydroxides and its fluorescence solvatochromism properties for polarity sensors. Journal of Materials Chemistry C, 2015, 3, 5246-5252.	2.7	19
764	Construction of Efficient Deep Blue Aggregation-Induced Emission Luminogen from Triphenylethene for Nondoped Organic Light-Emitting Diodes. Chemistry of Materials, 2015, 27, 3892-3901.	3.2	208
765	Solution processable double layer organic light emitting diodes (OLEDs) based on 6- <i>N</i> - <i>N</i> -arylsubstituted-1 <i>H</i> -pyrazolo[3,4- <i>b</i>]quinolines. International Journal of Higher Education Management, 2015, 1, 17-22.	1.0	13
766	Theoretical Investigation on Excited-State Cyclization Reactions of Platinum-Sensitized Dithienylethene Complexes. Journal of Physical Chemistry A, 2015, 119, 2819-2828.	1.1	11
767	Determination of the optical band gap of Alq3 and its derivatives for the use in two-layer OLEDs. Optical Materials, 2015, 42, 193-198.	1.7	46
768	Maskless RGB color patterning of vacuum-deposited small molecule OLED displays by diffusion of luminescent dopant molecules. Optics Express, 2015, 23, 16650.	1.7	15
769	Functionalized Salen ligands linking with non-conjugated bridges: unique and colorful aggregation-induced emission, mechanism, and applications. Journal of Materials Chemistry C, 2015, 3, 11099-11110.	2.7	55

#	ARTICLE	IF	CITATIONS
770	Polymorph-Selective Preparation and Structural Characterization of Perylene Single Crystals. <i>Crystal Growth and Design</i> , 2015, 15, 5495-5504.	1.4	50
771	Organic emitters for solid state lighting. <i>Journal of Solid State Lighting</i> , 2015, 2, .	2.3	20
772	DFT and Bader's AIM analysis of 2,5-diphenyl-1,3,4-oxadizole molecule: A organic light emitting diode (OLED). <i>Journal of Theoretical and Computational Chemistry</i> , 2015, 14, 1550038.	1.8	8
773	Rational design of organoboron heteroarene derivatives as luminescent and charge transport materials for organic light-emitting diodes. <i>New Journal of Chemistry</i> , 2015, 39, 8188-8194.	1.4	3
774	Solution processable 2-(trityloxy)ethyl and tert-butyl group containing amorphous molecular glasses of pyranilidene derivatives with light-emitting and amplified spontaneous emission properties. <i>Optical Materials</i> , 2015, 49, 129-137.	1.7	10
775	Synthesis of Sterically Protected Xanthene Dyes with Bulky Groups at C-3 and C-7. <i>Journal of Organic Chemistry</i> , 2015, 80, 11538-11543.	1.7	25
776	Molecular modification on bisphenanthroimidazole derivative for deep-blue organic electroluminescent material with ambipolar property and high performance. <i>Organic Electronics</i> , 2015, 17, 159-166.	1.4	80
777	Recent advances of the emitters for high performance deep-blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 913-944.	2.7	492
778	Analysis of inhomogeneous barrier and capacitance parameters for Al/rubrene/n-GaAs (100) Schottky diodes. <i>Synthetic Metals</i> , 2015, 199, 270-275.	2.1	11
779	Study of electrical fatigue by defect engineering in organic light-emitting diodes. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 192, 26-51.	1.7	24
780	A light-emitting mechanism for organic light-emitting diodes: molecular design for inverted singlet-triplet structure and symmetry-controlled thermally activated delayed fluorescence. <i>Journal of Materials Chemistry C</i> , 2015, 3, 870-878.	2.7	51
781	Molecular rearrangement at charged states: Intrinsic effects upon photo and electroluminescence. <i>Dyes and Pigments</i> , 2015, 113, 529-535.	2.0	12
782	Synthesis and optical properties of phenanthromidazole derivatives for organic electroluminescent devices. <i>New Journal of Chemistry</i> , 2015, 39, 142-154.	1.4	9
783	Fluorinated 9,9'-spirobifluorene derivative as host material for highly efficient blue fluorescent OLED. <i>Optical Materials Express</i> , 2016, 6, 2545.	1.6	7
784	Fabrication and characterization of double-sided organic light-emitting diodes using silver and nickel as the metal linking layer. <i>Displays</i> , 2016, 44, 37-41.	2.0	5
785	Molecular Origin of the Charge Carrier Mobility in Small Molecule Organic Semiconductors. <i>Advanced Functional Materials</i> , 2016, 26, 5757-5763.	7.8	78
786	Helicenes as All-Organic Materials for Application in OLEDs: Synthesis and Diverse Applications of Carbo- and Aza[5]helical Diamines. <i>Chemistry - A European Journal</i> , 2016, 22, 9375-9386.	1.7	41
787	Dendron-Enhanced Emission from 1,4-Bis[2,2-bis(4-alkoxyphenyl)vinyl]benzene Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 786-791.	1.3	1

#	ARTICLE	IF	CITATIONS
788	Selective Monoarylation of Primary Anilines Catalyzed by Pd(dppf) and its Application in OLED Component Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1589-1594.	2.1	10
789	Highly efficient non-doped blue electroluminescent materials for organic light-emitting devices. <i>RSC Advances</i> , 2016, 6, 62208-62217.	1.7	8
790	Note: On-chip multifunctional fluorescent-magnetic Janus helical microswimmers. <i>Review of Scientific Instruments</i> , 2016, 87, 036104.	0.6	4
791	Efficiency improvement of organic light emitting diodes (OLEDs) using micro/nano-structures. , 2016, , .		8
794	The structure of a novel 8-hydroxyquinoline ligand system including 1,3-tropolonic fragment. <i>Journal of Structural Chemistry</i> , 2016, 57, 1688-1690.	0.3	1
795	Silver Nanoparticles: Synthesis and Its Nanocomposites for Heterojunction Polymer Solar Cells. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8941-8949.	1.5	26
796	Crystal growth, structure and optical properties of solvated crystalline Tris(8-hydroxyquinoline)aluminum(III)(Alq3). <i>Dyes and Pigments</i> , 2016, 133, 9-15.	2.0	20
797	Insight into the mechanism and outcoupling enhancement of excimer-associated white light generation. <i>Chemical Science</i> , 2016, 7, 3556-3563.	3.7	108
798	Color tunable hybrid AC powder electroluminescent devices with organic fluorescent materials. <i>Optical Materials Express</i> , 2016, 6, 2879.	1.6	17
799	New red-luminescent cadmium coordination polymers with 4-amino-2,1,3-benzothiadiazole. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3284-3293.	0.8	12
800	Solution-state photophysics of N-carbazolyl benzoate esters: dual emission and order of states in twisted push-pull chromophores. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27671-27683.	1.3	29
801	Improved Efficiency and Enhanced Color Quality of Light-Emitting Diodes with Quantum Dot and Organic Hybrid Tandem Structure. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26982-26988.	4.0	24
803	Morphology-dependent optical anisotropies in the π -conjugated polymer P(NDI2OD-T2). <i>Physical Review B</i> , 2016, 94, .	1.1	16
804	Insight into the Excited State Electronic and Structural Properties of the Organic Photovoltaic Donor Polymer Poly(thieno[3,4-b]thiophene benzodithiophene) by Means of <i>ab Initio</i> and Density Functional Theory. <i>Journal of Physical Chemistry C</i> , 2016, 120, 21818-21826.	1.5	22
805	ORGANIC LIGHT EMITTING DEVICES. <i>Materials and Energy</i> , 2016, , 195-241.	2.5	1
806	A Luminescent Inorganic/Organic Composite Ultrathin Film Based on a 2D Cascade FRET Process and Its Potential VOC Selective Sensing Properties. <i>Advanced Functional Materials</i> , 2016, 26, 6752-6759.	7.8	26
807	Quantum-chemical simulation of structure and conformational flexibility of 5,7-di(tert-butyl)-2-(8-hydroxyquinolin-2-yl)-1,3-tropolone. <i>Russian Journal of General Chemistry</i> , 2016, 86, 1306-1313.	0.3	1
808	Radiative recombination kinetics in electroluminescent spin cast pristine \pm -4T. Superlattices and Microstructures, 2016, 97, 463-476.	1.4	0

#	ARTICLE	IF	CITATIONS
809	Patterned Growth of Organic Semiconductors: Selective Nucleation of Perylene on Self-Assembled Monolayers. <i>Langmuir</i> , 2016, 32, 8019-8028.	1.6	15
810	A comprehensive study of the optical properties of emitting polymers for efficient flexible OLED devices. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 2947-2953.	0.8	17
811	Efficient deep-blue non-doped organic light-emitting diode with improved roll-off of efficiency based on hybrid local and charge-transfer excited state. <i>RSC Advances</i> , 2016, 6, 70085-70090.	1.7	44
812	Escalating opportunities in the field of lighting. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 64, 727-748.	8.2	44
813	Organic materials with hydrostatic pressure induced mechanochromic properties. <i>Chinese Chemical Letters</i> , 2016, 27, 1367-1375.	4.8	57
814	Extended monolayer of cyano-ended oligo(para-phenylenes) at the air/HOPG interface investigated by high-resolution AFM. <i>Nanotechnology</i> , 2016, 27, 425601.	1.3	1
815	Synthesis, photophysical, and electrochemical properties of wide band gap tetraphenylsilane-carbazole derivatives: Effect of the substitution position and naphthalene side chain. <i>Russian Journal of Physical Chemistry A</i> , 2016, 90, 2590-2599.	0.1	5
816	BOIMPY: Fluorescent Boron Complexes with Tunable and Environment-Responsive Light-Emitting Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 17321-17328.	1.7	37
817	Chemical control over the energy-level alignment in a two-terminal junction. <i>Nature Communications</i> , 2016, 7, 12066.	5.8	50
818	Optoelectronic Properties of Color-Tunable Mixed Ligand-Based Light-Emitting Zinc Complexes. <i>Journal of Electronic Materials</i> , 2016, 45, 4865-4874.	1.0	10
819	Bis(2-(benzo[d]thiazol-2-yl)-5-fluorophenolate)beryllium: a high-performance electron transport material for phosphorescent organic light-emitting devices. <i>RSC Advances</i> , 2016, 6, 5008-5015.	1.7	10
820	AMOLED panel driven by OTFTs on polyethylene fabric substrate. <i>Organic Electronics</i> , 2016, 30, 45-51.	1.4	22
821	High thermal stability fluorene-based hole-injecting material for organic light-emitting devices. <i>Optical Materials</i> , 2016, 53, 19-23.	1.7	8
822	Surfactant modulated aggregation induced enhancement of emission (AIEE)â€”a simple demonstration to maximize sensor activity. <i>Analyst</i> , 2016, 141, 225-235.	1.7	14
823	Enhancing optical efficiency of thin-film luminescent solar concentrators by combining energy transfer and stacked design. <i>Journal of Luminescence</i> , 2016, 171, 215-220.	1.5	41
824	Push-pull effect on the geometrical, optical and charge transfer properties of disubstituted derivatives of mer-tris(4-hydroxy-1,5-naphthyridinato) aluminum (mer-ALND3). <i>Open Chemistry</i> , 2016, 14, 20-32.	1.0	6
825	Two novel phenylethene-carbazole derivatives containing dimesitylboron groups: Aggregation-induced emission and electroluminescence properties. <i>Dyes and Pigments</i> , 2016, 128, 304-313.	2.0	10
826	Pincer-CNC mononuclear, dinuclear and heterodinuclear Au(III) and Pt(II) complexes supported by mono- and poly-N-heterocyclic carbenes: synthesis and photophysical properties. <i>Dalton Transactions</i> , 2016, 45, 5549-5556.	1.6	26

#	ARTICLE	IF	CITATIONS
827	The investigation of chemical interaction and energy level alignment at Bepp2/Fe65Co35 interface. Applied Surface Science, 2016, 370, 169-175.	3.1	0
828	A size-controllable preparation method for indium tin oxide particles using a membrane dispersion micromixer. Chemical Engineering Journal, 2016, 293, 1-8.	6.6	33
829	Phenothiazine and carbazole substituted pyrene based electroluminescent organic semiconductors for OLED devices. Journal of Materials Chemistry C, 2016, 4, 1009-1018.	2.7	99
830	Benzophenones as Generic Host Materials for Phosphorescent Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2016, 8, 1527-1535.	4.0	43
831	Synthesis, optical and electrochemical properties of 2-[(9 <i>H</i> -fluoren-2-yl)aryl]-1 <i>H</i> -benz[<i>d</i>]imidazole and 2,7-bis[(1 <i>H</i> -benz[<i>d</i>]imidazol-2-yl)aryl]-9 <i>H</i> -fluorene derivatives. Heterocyclic Communications, 2016, 22, 21-30.	0.6	2
832	Fused Methoxynaphthyl Phenanthrimidazole Semiconductors as Functional Layer in High Efficient OLEDs. Journal of Fluorescence, 2016, 26, 307-316.	1.3	2
833	Advances in phosphors based on organic materials for light emitting devices. Physica B: Condensed Matter, 2016, 480, 105-110.	1.3	5
834	Bis(5,7-dimethyl-8-hydroxyquinolinato)beryllium(II) complex as optoelectronic material. Journal of Luminescence, 2016, 169, 9-15.	1.5	12
835	Synthesis, growth and characterization of a new organic nonlinear optical crystal:		

#	ARTICLE	IF	CITATIONS
845	Synthesis of efficient blue phosphorescent heteroleptic Ir(III) complexes containing 4-alkoxy- or 4-alkylaminopicolinates as ancillary ligands. <i>Journal of Luminescence</i> , 2017, 188, 323-330.	1.5	11
846	Low-power-consumption flat-panel light-emitting device driven by field-emission electron source using high-crystallinity single-walled carbon nanotubes. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 065101.	0.8	9
847	Nanostructured ZnO - its challenging properties and potential for device applications. <i>Journal of Physics: Conference Series</i> , 2017, 794, 012001.	0.3	2
848	High Triplet Energy Level Achieved by Tuning the Arrangement of Building Blocks in Phosphorescent Polymer Backbones for Furnishing High Electroluminescent Performances in Both Blue and White Organic Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16360-16374.	4.0	27
849	Reduced graphene oxide prepared at low temperature thermal treatment as transparent conductors for organic electronic applications. <i>Organic Electronics</i> , 2017, 49, 165-173.	1.4	31
850	New Class of Organic Hole-Transporting Materials Based on Xanthene Derivatives for Organic Electronic Applications. <i>Journal of Physical Chemistry C</i> , 2017, 121, 12999-13007.	1.5	13
851	Control of the Viewing Angle Dependence by Inserting of Scattering Layer on Microcavity OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 1996-1998.	0.1	0
852	Highly efficient electroluminescent Pt(II) ppy-type complexes with monodentate ligands. <i>Chemical Communications</i> , 2017, 53, 7581-7584.	2.2	31
853	Superhydrophobic high impact polystyrene (HIPS) nanocomposites with wear abrasion resistance. <i>Chemical Engineering Journal</i> , 2017, 322, 10-21.	6.6	53
854	Structure and electronic properties of perylene and coronene under pressure: First-principles calculations. <i>Computational Materials Science</i> , 2017, 139, 252-259.	1.4	15
855	Chiral and non-conjugated fluorescent salen ligands: AIE, anion probes, chiral recognition of unprotected amino acids, and cell imaging applications. <i>RSC Advances</i> , 2017, 7, 40640-40649.	1.7	37
856	A new pyrene cored small organic molecule with a flexible alkyl spacer: a potential solution processable blue emitter with bright photoluminescence. <i>New Journal of Chemistry</i> , 2017, 41, 11383-11390.	1.4	9
857	Enhanced color stability for white organic light-emitting diodes based on dual ultra-thin emitting layer. <i>Organic Electronics</i> , 2017, 50, 147-152.	1.4	12
858	Design, synthesis and characterization of ferrocene based V-shaped chromophores with modified nonlinear effect. <i>Journal of Organometallic Chemistry</i> , 2017, 846, 397-406.	0.8	23
859	Recycling indium tin oxide (ITO) anodes for use in organic light-emitting diodes (OLEDs). <i>Thin Solid Films</i> , 2017, 638, 236-243.	0.8	17
860	Luminescent Iridium-containing liquid crystalline polymers in the side chain. <i>Liquid Crystals</i> , 2017, 44, 2348-2354.	0.9	5
861	Efficient non-doped blue organic light-emitting diodes: donor-acceptor type host materials. <i>RSC Advances</i> , 2017, 7, 54078-54086.	1.7	3
862	An ambipolar 3,3'-dimethyl-9,9'-bianthracene derivative as a blue host material for high-performance OLEDs. <i>RSC Advances</i> , 2017, 7, 49125-49132.	1.7	6

#	ARTICLE	IF	CITATIONS
863	Flexible, Low-Power Thin-Film Transistors Made of Vapor-Phase Synthesized High- <i>k</i> , Ultrathin Polymer Gate Dielectrics. ACS Applied Materials & Interfaces, 2017, 9, 20808-20817.	4.0	61
864	Polystyrenesulfonate Dispersed Dopamine with Unexpected Stable Semiquinone Radical and Electrochemical Behavior: A Potential Alternative to PEDOT:PSS. ACS Sustainable Chemistry and Engineering, 2017, 5, 460-468.	3.2	17
865	Light Emitting Based on Polymer. , 2017, , 243-285.		1
866	Organic Light-Emitting Diode Fabrication and Characterization Techniques. , 2017, , 227-252.		1
867	High Mobility Thin Film Transistors Based on Amorphous Indium Zinc Tin Oxide. Materials, 2017, 10, 702.	1.3	30
868	Organic Light-Emitting Diodes. , 2017, , 141-170.		11
869	New peripherally and non-peripherally tetra-substituted metal-free, magnesium(II) and zinc(II) phthalocyanine derivatives fused chalcone units: Design, synthesis, spectroscopic characterization, photochemistry and photophysics. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 361, 1-11.	2.0	32
870	Polyphenylanthracene as a Novel Building Block for High-Performance Deep-Blue Organic Light-Emitting Devices. Advanced Optical Materials, 2018, 6, 1700855.	3.6	23
871	1,1-Difluoro-3-aryl(heteroaryl)-1 <i>H</i> -pyrido[1,2- <i>c</i>][1,3,5,2]oxadiazaborin-9-ium-1-ides: synthesis; structure; and photophysical, electrochemical, and BSA-binding studies. New Journal of Chemistry, 2018, 42, 1913-1920.	1.4	17
872	Photoluminescent Green Emission Band Induced by the Systematic Change of -CH ₃ , -OCH ₃ and Naphthyl Groups in Chiral Imines. Crystal Growth and Design, 2018, 18, 660-668.	1.4	18
873	Enhanced device efficiency in organic light-emitting diodes by dual oxide buffer layer. Organic Electronics, 2018, 56, 254-259.	1.4	16
874	Preparation and characterization of ruthenium based organic composites for optoelectronic device application. Optik, 2018, 164, 596-605.	1.4	4
875	Photophysical and electrochemical properties of organic molecules: Solvatochromic effect and DFT studies. Optical Materials, 2018, 77, 211-220.	1.7	15
876	Effect of the Charges Injection Contact on the Performance of Organic Light Emitting Diode (OLED). , 2018, , .		0
877	Light trapping and power conversion efficiency of P3HT- <i>Si</i> nano Si hybrid solar cells. RSC Advances, 2018, 8, 35162-35169.	1.7	1
878	Deep blue organic light-emitting diodes of 1,8-diaryl anthracene. Journal of Chemical Sciences, 2018, 130, 1.	0.7	5
879	Synthesis, Characterization, DFT Studies, and Photodiode Application of Azo-azomethine-Based Ligand and Its Transition-Metal Complexes. Journal of Electronic Materials, 2018, 47, 7240-7250.	1.0	13
880	Thin Films of Organic Molecules. , 2018, , 551-570.		2

#	ARTICLE	IF	CITATIONS
881	Recent development of phenanthroimidazole-based fluorophores for blue organic light-emitting diodes (OLEDs): an overview. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10138-10173.	2.7	212
882	Investigating the adsorption of nitrobenzene on M/Pd (1Å^{-1}) bimetallic surface as an effective catalyst. <i>Applied Surface Science</i> , 2018, 454, 343-349.	3.1	9
883	High Efficiency Fluorescent Electroluminescence with Extremely Low Efficiency Roll-Off Generated by a Donor-Bianthracene-Acceptor Structure: Utilizing Perpendicular Twisted Intramolecular Charge Transfer Excited State. <i>Advanced Optical Materials</i> , 2018, 6, 1800060.	3.6	17
884	Small molecular hole-transporting materials (HTMs) in organic light-emitting diodes (OLEDs): structural diversity and classification. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8280-8325.	2.7	84
885	Synthesis, Photophysical, Electrochemical and Thermal Investigation of Anthracene Doped 2-Naphthol Luminophors and their Thin Films for Optoelectronic Devices. <i>Journal of Fluorescence</i> , 2018, 28, 1023-1028.	1.3	8
886	High Efficiency Deep-Blue Phosphorescent Organic Light-Emitting Diodes with CIE (x, y) (Å°) $(0.784, 0.314)$. <i>Functional Materials</i> , 2018, 28, 1802945.	7.8	111
887	Small-Molecule Emitters with High Quantum Efficiency: Mechanisms, Structures, and Applications in OLED Devices. <i>Advanced Optical Materials</i> , 2018, 6, 1800512.	3.6	201
888	Self-diffusion measurements in In ₂ O ₃ isotopic heterostructures: Oxygen vacancy energetics. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	2.0	2
889	Organic Light-Emitting Diodes Based on Phthalimide Derivatives: Improvement of the Electroluminescence Properties. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 539.	1.3	5
890	Multiple Hydrogen Bonds Promoted ESIP and Active Chiral Salicylaldehyde Hydrazide. <i>Chinese Journal of Chemistry</i> , 2018, 36, 698-707.	2.6	32
891	Nonconjugated Fluorescent Molecular Cages of Trinuclear Fluoroborate Complexes with Salicylaldehyde-Based Schiff Base Ligands. <i>ACS Omega</i> , 2018, 3, 8992-9002.	1.6	13
892	Organic Light-Emitting Diodes Based on Imidazole Semiconductors. <i>Advanced Optical Materials</i> , 2018, 6, 1800258.	3.6	110
893	Influences of enhanced conjugated framework on the structures and photophysical properties of BF ₂ core compounds containing 1,8-naphthyridine derivative: A DFT/TD-DFT study. <i>Optical Materials</i> , 2018, 84, 694-702.	1.7	2
894	Near-room-temperature phase-change fluorescent molecular rotor and its hybrids. <i>Journal of Molecular Liquids</i> , 2018, 265, 260-268.	2.3	5
895	Alternative to the Popular Imidazolium Ionic Liquids: 1,2,4-Triazolium Ionic Liquids with Enhanced Thermal and Chemical Stability. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15995-16006.	3.2	20
896	Synthesis of Highly Fluorescent D-A Based p-Terphenyl Luminophors and their Thin Films for Optoelectronic Applications. <i>Journal of Fluorescence</i> , 2019, 29, 1001-1006.	1.3	5
897	Textile Display with AMOLED Using a Stacked-Pixel Structure on a Polyethylene Terephthalate Fabric Substrate. <i>Materials</i> , 2019, 12, 2000.	1.3	9
898	Tetraphenylimidazole-based luminophores for explosive chemosensors and OLEDs: experimental and theoretical investigation. <i>Materials Today Chemistry</i> , 2019, 14, 100201.	1.7	13

#	ARTICLE	IF	CITATIONS
899	Star-shaped triarylamine " One-step metal-free synthesis and optoelectronic properties. <i>Synthetic Metals</i> , 2019, 256, 116138.	2.1	5
900	Pyrene-based blue emitters with aggregation-induced emission features for high-performance organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2283-2290.	2.7	78
901	Stimuli-Responsive Near-Infrared Emissive Os(II)"Terpyridine Complexes with a Sense of Logic. <i>ACS Omega</i> , 2019, 4, 2241-2255.	1.6	2
902	Real-Time Propagation TDDFT and Density Analysis for Exciton Coupling Calculations in Large Systems. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 3743-3754.	2.3	24
903	Deviation from Point Dipole Analysis for Exciton Quenching in Quaterthiophene-Terminated Self-Assembled Monolayers on Au(111). <i>Journal of Physical Chemistry C</i> , 2019, 123, 16127-16136.	1.5	1
904	Influence of precursor aging time period on physical and photocatalytic properties of nebulizer spray coated BiVO ₄ thin films. <i>Solid State Sciences</i> , 2019, 92, 36-45.	1.5	13
905	An accurate measurement of the dipole orientation in various organic semiconductor films using photoluminescence exciton decay analysis. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 7083-7089.	1.3	14
906	Fluorene vs carbazole substituent at quinoline core toward organic electronics. <i>Dyes and Pigments</i> , 2019, 166, 98-106.	2.0	24
907	Ab initio Study on Adsorption of Transition-Metal Phthalocyanine on a Quasi-One-Dimensional Metallic Surface, In/Si(111)-4Å—1. <i>Journal of the Korean Physical Society</i> , 2019, 74, 251-255.	0.3	2
908	The effect of molecular structure on intramolecular charge-transfer in 1,3,4-oxadiazole derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 309-317.	2.0	17
909	Indoloindole as a new building block of a hole transport type host for stable operation in phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5988-5994.	2.7	12
910	Fractional and Integer Charge Transfer at Semiconductor/Organic Interfaces: The Role of Hybridization and Metallicity. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 848-854.	2.1	13
912	Polyaniline based composite layers for photovoltaic applications: Thermal and optical properties investigation. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
913	Green synthesis and characterization of 8-hydroxyquinoline barium (BaQ2). <i>Optik</i> , 2019, 180, 151-158.	1.4	5
914	Pressure effect on the band structure and topological properties of the electron density of pyrene: First-principles calculations. <i>Chemical Physics</i> , 2019, 518, 8-14.	0.9	5
915	Tetraphenylpyrazine Based AIE Luminogens: Unique Excited State Decay and Its Application in Deep"Blue Light"Emitting Diodes. <i>Advanced Optical Materials</i> , 2019, 7, 1801673.	3.6	33
916	Emission of dispersed" type inorganic <sc>EL</sc> devices with frequency"variable high"voltage oscillation circuit. <i>Journal of the Society for Information Display</i> , 2019, 27, 3-12.	0.8	10
917	Nickel nanoparticles-super yellow (PDY-132) nanoblends for organic light emitting devices. <i>Vacuum</i> , 2019, 166, 351-355.	1.6	2

#	ARTICLE	IF	CITATIONS
918	Glass-forming derivatives of 2-cyano-2-(4H-pyran-4-ylidene) acetate for light-amplification systems. <i>Dyes and Pigments</i> , 2019, 163, 62-70.	2.0	5
919	Thermally Activated Delayed Fluorescent Polymers: Structures, Properties, and Applications in OLED Devices. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800570.	2.0	114
920	Preparation of large In(OH) ₃ and In ₂ O ₃ particles through a seed-mediated growth method in a microreactor. <i>Particuology</i> , 2020, 49, 1-8.	2.0	2
921	Effect of annealed ZnS nanoparticles on the structural and optical properties of PVA polymer nanocomposite. <i>Materials Chemistry and Physics</i> , 2020, 241, 122285.	2.0	74
922	Tetraphenylbenzsilole: An AIE Building Block for Deep-Blue Emitters with High Performance in Nondoped Spin-Coating OLEDs. <i>Journal of Organic Chemistry</i> , 2020, 85, 158-167.	1.7	26
923	Fluorination of pyrene-based organic semiconductors enhances the performance of light emitting diodes and halide perovskite solar cells. <i>Organic Electronics</i> , 2020, 77, 105524.	1.4	10
924	Synthesis of porous organic cage CC3 via solvent modulated evaporation. <i>Inorganica Chimica Acta</i> , 2020, 501, 119312.	1.2	6
925	A simple Dâ€“A system of phenanthroimidazole-ï€-fluorenone for highly efficient non-doped bipolar AIE luminogens: synthesis, and molecular optical, thermal and electrochemical properties. <i>New Journal of Chemistry</i> , 2020, 44, 1785-1794.	1.4	11
926	Recent advances in organic light-emitting diodes: toward smart lighting and displays. <i>Materials Chemistry Frontiers</i> , 2020, 4, 788-820.	3.2	290
927	Optical Determination of Youngâ€™s Modulus of Nanoscale Organic Semiconductor Thin Films for Flexible Devices. <i>ACS Applied Nano Materials</i> , 2020, 3, 992-1001.	2.4	4
928	Solution-processed hybrid hosts: a way to explore high triplet energy with admirable current and power efficiency without outcoupling techniques for phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 228-239.	2.7	11
929	Functional chalcone-substituted tetrakis-metallophthalocyanines: Synthesis and spectroscopic characterization. <i>Journal of Chemical Research</i> , 2020, 44, 148-151.	0.6	1
930	Ambient Pressure Sublimation Technique Provides Polymorphâ€“Selective Perylene Nonlinear Optical Microcavities. <i>Advanced Optical Materials</i> , 2020, 8, 1901317.	3.6	36
931	Optical and Electrical Properties of Organic Semiconductor Thin Films on Aperiodic Plasmonic Metasurfaces. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35579-35587.	4.0	8
932	Investigations of the Optical and Thermal Properties of the Pyrazoloquinoline Derivatives and Their Application for OLED Design. <i>Polymers</i> , 2020, 12, 2707.	2.0	4
933	Thiolâ€“yne crosslinked triarylamine hole transport layers for solution-processable organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16498-16505.	2.7	6
934	Synthesis, characterization and computational studies of Zn complex based on the 8-hydroxyquinoline group containing benzimidazole. <i>RSC Advances</i> , 2020, 10, 32490-32496.	1.7	6
935	Recent Advances in Thermally Activated Delayed Fluorescent Polymerâ€™ Molecular Designing Strategies. <i>Frontiers in Chemistry</i> , 2020, 8, 725.	1.8	66

#	ARTICLE	IF	CITATIONS
936	Synthesis, crystal structure, aggregation-induced emission (AIE) and electroluminescence properties of a novel emitting material based on pyrrolo[3,2- <i>b</i>]pyrrole. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14208-14218.	2.7	14
937	Mechanisms of LiF Interlayer Enhancements of Perovskite Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4213-4220.	2.1	12
938	Structural Design of Blue-to-Red Thermally Activated Delayed Fluorescence Molecules by Adjusting the Strength between Donor and Acceptor. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1262-1276.	1.3	41
939	Current Driven Light Emission of Sodium Silica Gels. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 056002.	0.9	0
941	Impact of Chlorine on the Internal Transition Rates and Excited States of the Thermally Delayed Activated Fluorescence Molecule 3CzCLIPN. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15007-15014.	1.5	6
942	Fundamentals of Materials Selection for Light-Emitting Electrochemical Cells. <i>Advanced Functional Materials</i> , 2020, 30, 1909102.	7.8	47
943	Blue Single-Layer Organic Light-Emitting Diodes Using Fluorescent Materials: A Molecular Design View Point. <i>Advanced Functional Materials</i> , 2020, 30, 1910040.	7.8	77
944	Synthesis and investigation of the photophysical, electrochemical and theoretical properties of phenazine-amine based cyan blue-red fluorescent materials for organic electronics. <i>New Journal of Chemistry</i> , 2020, 44, 3278-3293.	1.4	23
945	Multiscale Simulation of Photoluminescence Quenching in Phosphorescent OLED Materials. <i>Advanced Theory and Simulations</i> , 2020, 3, 1900222.	1.3	15
946	OPTIMIZING POLYMERIC STRUCTURES IN ORGANIC OPTOELECTRONICS. , 2020, , 393-483.		0
947	Toward Achieving Single-Molecule White Electroluminescence from Dual Emission of Fluorescence and Phosphorescence. <i>Chemistry of Materials</i> , 2020, 32, 4038-4044.	3.2	57
948	Unraveling the Surface Chemistry of CO Sensing with In ₂ O ₃ Based Gas Sensors. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 129004.	4.0	52
949	Bis(carbazol-9-yl)phenyl end-capped polyaromatics as solution-processed deep blue fluorescent emitters for simple structure solution-processed electroluminescent devices. <i>Dyes and Pigments</i> , 2021, 186, 109065.	2.0	9
950	Synthesis, crystal structure, aggregation-induced emission enhancement and electroluminescence properties of a novel compound containing carbazole and triarylborane groups. <i>Journal of Molecular Structure</i> , 2021, 1228, 129721.	1.8	5
951	pH-Responsive colorimetric, emission and redox switches based on Ru(ii)-terpyridine complexes. <i>Dalton Transactions</i> , 2021, 50, 186-196.	1.6	9
952	Orange-red thermally activated delay fluorescence emitters based on asymmetric difluoroboron chelated enamino: Impact of donor position on luminescent properties. <i>Dyes and Pigments</i> , 2021, 184, 108810.	2.0	15
953	Highly regioselective palladium-catalyzed domino reaction for post-functionalization of BODIPY. <i>Chemical Communications</i> , 2021, 57, 1758-1761.	2.2	16
954	HAPPY Dyes as Light Amplification Media in Thin Films. <i>Journal of Organic Chemistry</i> , 2021, 86, 3213-3222.	1.7	2

#	ARTICLE	IF	CITATIONS
955	Efficient organic light-emitting diodes based on iridium(<i>iii</i>) complexes containing indolo[3,2,1- <i>jk</i>]carbazole derivatives with narrow emission bandwidths and low efficiency roll-offs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8226-8232.	2.7	15
956	Effect of UV radiation on the optical properties of PANI-Cu/PC and PANI-Cu/PC-PBT nanocomposites. <i>Radiation Effects and Defects in Solids</i> , 2021, 176, 199-209.	0.4	2
957	Synthesis and Physical Properties of Tetrathiafulvalene-8-Quinolinato Zinc(II) and Nickel(II) Complexes. <i>Inorganics</i> , 2021, 9, 11.	1.2	2
958	Ultrafast soliton mode-locked fiber laser at 1560 nm based on Znq ₂ as a saturable absorber. <i>Applied Optics</i> , 2021, 60, 3149.	0.9	8
959	Simulation and Optimization of C ₆₀ -Based Organic Light-Emitting Diodes. <i>Materials Science Forum</i> , 0, 1026, 142-146.	0.3	0
960	On the Role of LiF in Organic Optoelectronics. <i>Electronic Materials</i> , 2021, 2, 198-221.	0.9	21
961	Study of modulating opto-electrochemical properties in Suzuki coupled phenazine derivatives for organic electronics. <i>Chemical Papers</i> , 2021, 75, 5945-5961.	1.0	4
962	Stimuli-Responsive Molecular Switches and Logic Devices Based on Ru(II)-Terpyridyl-Imidazole Coordination Motif. <i>Journal of Physical Chemistry B</i> , 2021, 125, 8919-8931.	1.2	11
963	Electrical, photodiode, and DFT studies of newly synthesized π -conjugated BODIPY dye-based Au/BOD-Dim/n-Si device. <i>Physica B: Condensed Matter</i> , 2021, 614, 413029.	1.3	5
964	Axially Chiral Bis-Cycloplatinated Binaphthalenes and Octahydro-Binaphthalenes for Efficient Circularly Polarized Phosphorescence in Solution-Processed Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2021, 60, 13557-13566.	1.9	30
965	Linear and nonlinear optical properties of Manganese bis-(8-hydroxyquinoline) thin films for optoelectronic devices: experimental and computational studies. <i>Journal of Molecular Structure</i> , 2022, 1249, 131558.	1.8	19
966	Lanthanides $\hat{2}$ -diketonate complexes as energy-efficient emissive materials: A review. <i>Journal of Molecular Structure</i> , 2022, 1249, 131531.	1.8	87
967	Modification of surface morphology and lattice order in nanocrystalline ZnO thin films prepared by spin-coating sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 100, 55-67.	1.1	5
968	Design of fused bithiophene systems containing silole and five-membered heterocycles for optoelectronic materials. <i>Chemical Physics Letters</i> , 2021, 784, 139093.	1.2	2
969	Surface-Functionalized Separator for Stable and Reliable Lithium Metal Batteries: A Review. <i>Nanomaterials</i> , 2021, 11, 2275.	1.9	13
970	Low efficiency roll-off thermally activated delayed fluorescence emitters for non-doped OLEDs: Substitution effect of thioether and sulfone groups. <i>Dyes and Pigments</i> , 2021, 194, 109649.	2.0	8
971	Fluorescent pyrene-imidazole material for deep-blue organic light-emitting devices. <i>Optical Materials</i> , 2021, 121, 111582.	1.7	11
972	The effect of heavy atoms replacement sites on the luminescent ways of D-A-D type diphenyl sulfone molecules: Thermally activated delayed fluorescence and phosphorescence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120249.	2.0	7

#	ARTICLE	IF	CITATIONS
973	Doped crystalline thin-film deep-blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2236-2242.	2.7	13
974	Efficient organic light-emitting diodes with narrow emission bandwidths based on iridium(<i>iii</i>) complexes with a pyrido[3,2,1- <i>ij</i>]carbazole unit. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6951-6959.	3.2	9
975	White OLED Materials. , 2017, , 293-320.		2
976	Organic Thin Film Devices for Displays and Lighting. , 2008, , 321-332.		3
978	Micro organic light-emitting diodes fabricated through area-selective growth. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2606-2612.	3.2	10
979	Glass-forming nonsymmetric DWK-dyes with 5,5,5-triphenylpentyl and piperazine moieties for light-amplification studies. <i>Journal of Photonics for Energy</i> , 2018, 8, 1.	0.8	3
980	Absorption of DCM Dye in Ethanol: Experimental and Time Dependent Density Functional Study. <i>International Journal of Optics and Photonics</i> , 2018, 12, 43-56.	0.2	2
981	A REVIEW PAPER ON: ORGANIC LIGHT-EMITTING DIODE (OLED) TECHNOLOGY AND APPLICATIONS. , 2020, 04, 587-591.		5
982	Highly Efficient Blue-Light-Emitting Diodes Based on Styrylamine Derivatives End-capped with a Diphenylvinyl Group. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 389-396.	1.0	13
983	Thermal Effect on Characteristics of IZTO Thin Films Deposited by Pulsed DC Magnetron Sputtering. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 847-851.	1.0	11
984	New Fluorescent Blue OLED Host and Dopant Materials Based on the Spirobenzofluorene. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 1475-1482.	1.0	8
985	Novel Electroluminescent Polymer Derived from Pyrene-Functionalized Polyaniline. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 1495-1499.	1.0	4
986	Synthesis and Electroluminescent Properties of OLED Green Dopants Based on BODIPY Derivatives. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 1247-1250.	1.0	11
987	An Enhanced Operational Stability of Organic Light Emitting Devices with Polymeric Buffer Layer. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 041601.	0.8	7
988	2,7-Carbazole Derived Organoboron Compounds: Synthesis and Molecular Fluorescence. <i>Frontiers in Chemistry</i> , 2021, 9, 754298.	1.8	2
989	Absorption spectra of coumarin and its derivatives. <i>Chemical Papers</i> , 2022, 76, 627-638.	1.0	9
990	A Study on Electronic Interaction in Dimetallic Complexes with Conjugated Chain. <i>Journal of the Korean Institute of Electrical and Electronic Material Engineers</i> , 2004, 17, 652-660.	0.0	0
991	Annealing Effects on the Flexible OLED Substrates. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
992	Conducting Organic Materials and Devices. Semiconductors and Semimetals, 2007, , .	0.4	1
993	Improving optical transmittance of double walled carbon nanotube film by laser processing. , 2008, , .		0
994	Influence of light on structure of amorphous selenium layers. Lithuanian Journal of Physics, 2008, 48, 249-258.	0.1	1
995	Optical Effect due to Thickness Variation of Electron Injection Layer in Organic Light-emitting Diodes. Transactions on Electrical and Electronic Materials, 2008, 9, 20-23.	1.0	0
996	OLED Materials and Device Architectures for Full-Color Displays and Solid-State Lighting. , 2009, , 433-509.		2
997	Optical properties for N,Nâ€™-bis (Inaphyhly)N,Nâ€™-diphenyl-1,1â€™-biphenyl-4,4â€™-diamine and tris (8-hydroxyquinolino) aluminum in organic light emitting devices. Natural Science, 2010, 02, 631-634.	0.2	1
998	Blue Fluorescent Organic Light-Emitting Diodes with Optimized Electron Transportation Layer. Lecture Notes in Electrical Engineering, 2014, , 1139-1145.	0.3	0
999	Effect of RF power on the Electrical, Optical, and Structural Properties of ITZO (In-Sn-Zn-O) Thin Films. The Journal of the Korean Institute of Information and Communication Engineering, 2014, 18, 394-400.	0.1	0
1000	- Electron Transport Materials in Organic Light-Emitting Diodes: Design Considerations and Structural Diversity. , 2014, , 346-417.		0
1001	Study on the electronic structures and the optical absorption mechanism of In2O3 crystals. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 193101.	0.2	0
1002	Carrier Transport Induced and Controlled by Defects. , 2017, , 1-35.		0
1003	Carrier Transport Induced and Controlled by Defects. , 2017, , 1-35.		0
1004	Carrier Transport Induced and Controlled by Defects. , 2017, , 1-35.		0
1005	Carrier Transport Induced and Controlled by Defects. , 2018, , 1053-1087.		2
1006	Organik Camlar. El-Cezeri Journal of Science and Engineering, 2018, 5, 512-536.	0.1	0
1007	Green Emitters for White Light Emitting Diodes: A Comparative Study. International Journal of ChemTech Research, 2019, 12, 210-215.	0.1	0
1008	Laser intensity-dependent nonlinear-optical effects in organic whispering gallery mode cavity microstructures. Optics Letters, 2020, 45, 4622.	1.7	2
1009	Electronic Properties of Organic Semiconductors. Graduate Texts in Physics, 2020, , 177-205.	0.1	1

#	ARTICLE	IF	CITATIONS
1010	Intramolecular charge transfer dynamics in the excited states of diphenylamine substituted 1,3,4-oxadiazole derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120463.	2.0	4
1011	Carrier Transport Induced and Controlled by Defects. , 2020, , 1-36.		0
1012	Diarylethenes in Optically Switchable Organic Light-Emitting Diodes: Direct Investigation of the Reversible Charge Carrier Trapping Process. <i>Advanced Optical Materials</i> , 2022, 10, 2101116.	3.6	4
1013	Investigation of the Intrinsic Nature of Organic Semiconductors Using a Metal Contact-Induced Capacitance Study in Organic Metal-Insulator-Semiconductor Capacitors. <i>ACS Applied Electronic Materials</i> , 0, , .	2.0	0
1014	Spectroscopic and optoelectronic investigations of 3,8-bis(3,4-(ethylenedioxy)thien-2-yl)-1,10-phenanthroline. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 115-125.	1.1	43
1015	Recent progress of sulphur-containing high-efficiency organic light-emitting diodes (OLEDs). <i>Journal of Materials Chemistry C</i> , 2022, 10, 4497-4520.	2.7	35
1016	Computational investigation of bioactive 2,3-diaryl quinolines using DFT method: FT- IR, NMR spectra, NBO, NLO, HOMO-LUMO transitions, and quantum-chemical properties. <i>Journal of Molecular Structure</i> , 2022, 1253, 132285.	1.8	32
1018	Effect of Strain on Excitons in Van Der Waals Solids. , 2022, , .		0
1019	Electroluminescent Aggregation-Induced Emission-Active Discotic Liquid Crystals Based on Alkoxy Cyanostilbene-Functionalized Benzenetricarboxamide with Ambipolar Charge Transport. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1163-1174.	2.0	10
1020	Simulation of organic light-emitting diodes with CdS as buffer layer. , 2022, , .		0
1021	Structural, Electronic, and Charge Transport Properties of New Materials based on 2-(5-Mercapto-1,3,4-Oxadiazol-2-yl) Phenol for Organic Solar Cells and Light Emitting Diodes by DFT and TD-DFT. <i>Journal of Chemistry</i> , 2022, 2022, 1-15.	0.9	4
1022	Distinct Ir(III) complexes containing unsymmetric ligands with fluorene-oxadiazole groups and their performance of organic light-emitting diodes. <i>Dyes and Pigments</i> , 2022, 202, 110252.	2.0	4
1023	Voltage tunable white light generation from combined emission of monomer and electromer in phenanthroimidazole based OLED. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 429, 113922.	2.0	2
1027	Recent development of pyridine based charge transporting materials for organic light-emitting diodes and perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6992-7017.	2.7	13
1028	Promising four-coordinated organoboron emitters for organic light-emitting diodes. <i>Dyes and Pigments</i> , 2022, 204, 110383.	2.0	15
1029	Performance evaluation of micro lens arrays: Improvement of light intensity and efficiency of white organic light emitting diodes. <i>PLoS ONE</i> , 2022, 17, e0269134.	1.1	1
1030	Recent Advances in Chiral Aggregation-Induced Emission Fluorogens. <i>Engineered Regeneration</i> , 2022, , .	3.0	0
1031	Theoretical Study of the Structural, Optoelectronic, and Reactivity Properties of N-[5- ϵ^2 -Methyl-3- ϵ^2 -Isoxasolyl]-N-[(E)-1-(-)-]Methylidene] Amine and Some of Its Fe ²⁺ , Co ²⁺ , Ni ²⁺ , Cu ²⁺ , and Zn ²⁺ Complexes for OLED and OFET Applications. <i>Journal of Chemistry</i> , 2022, 2022, 1-18.	0.9	2

#	ARTICLE	IF	CITATIONS
1032	Computational study of optoelectronic properties of oxadiazole-based compounds for organic light emitting diodes. <i>Molecular Physics</i> , 2022, 120, .	0.8	1
1033	Self-Assembled Monolayers for Improved Charge Injection of Silver Back Electrodes in Inverted Organic Electronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 38270-38280.	4.0	0
1034	Synthesis, characterization and investigation of photochemical and in vitro antiproliferative properties of novel Zn(II) phthalocyanine. <i>Journal of Molecular Structure</i> , 2023, 1271, 134010.	1.8	2
1035	Molecular Diodes With Tunable Threshold Voltage Based on π -Extended Tetrathiafulvalene. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	13
1036	Efficient deep-blue electroluminescent devices based on a novel β^2 -diketone zinc complex. <i>Inorganica Chimica Acta</i> , 2022, 542, 121134.	1.2	2
1037	Carrier Transport Induced and Controlled by Defects. , 2022, , 1-38.		0
1038	Substituent effects on the stretching vibration frequencies of C=C bridge bond in aryl ethylene with furyl or thienyl group. <i>Journal of Physical Organic Chemistry</i> , 0, , .	0.9	0
1039	Q-switched and mode-locked fiber laser based on organic metal 8-hydroxyquinoline chelate as saturable absorber at 1.5 μm . <i>Infrared Physics and Technology</i> , 2022, 127, 104388.	1.3	4
1040	An Efficient Blue-Emission Crystalline Thin-Film OLED Sensitized by π -Hot Exciton-Fluorescent Dopant. <i>Advanced Science</i> , 2023, 10, .	5.6	6
1041	Multifunctional 4,5-Diphenyl-1 <i>H</i> -imidazole-Based Luminogens as Near UV/Deep Blue Emitters/Hosts for Organic Light-Emitting Diodes and Selective Picric Acid Detection. <i>Journal of Physical Chemistry C</i> , 2023, 127, 499-515.	1.5	4
1042	High-efficiency blue-emission crystalline organic light-emitting diodes sensitized by π -hot exciton-fluorescent nanoaggregates. <i>Science Advances</i> , 2022, 8, .	4.7	9
1043	Dark conduction mechanisms of PTQBDT based heterojunction diode. <i>Physica Scripta</i> , 2023, 98, 015819.	1.2	3
1044	Cyano-capped molecules: versatile organic materials. <i>Journal of Materials Chemistry A</i> , 2023, 11, 3753-3770.	5.2	8
1045	Carrier Transport Induced and Controlled by Defects. , 2023, , 1165-1202.		0
1046	A tunable-wavelength Q-switched fiber laser based on organic metal 8-hydroxyquinoline chelate as a saturable absorber. <i>Infrared Physics and Technology</i> , 2023, 131, 104637.	1.3	5
1047	A Review on the Milestones of Blue Light-Emitting Materials in India. <i>Organic Materials</i> , 2023, 5, 1-20.	1.0	3
1048	Biomass-Derived Materials for Interface Engineering in Organic/Perovskite Photovoltaic and Light-Emitting Devices. <i>Advanced Materials Technologies</i> , 2023, 8, .	3.0	6
1049	The Influence of the ITO Layers' Thicknesses on Their Chosen Physical Surface Parameters. <i>Materials</i> , 2023, 16, 1363.	1.3	1

#	ARTICLE	IF	CITATIONS
1050	Through-Space Charge-Transfer Thermally Activated Delayed Fluorescence Alternating Donor-acceptor Copolymers for Nondoped Solution-Processable OLEDs. <i>Macromolecules</i> , 2023, 56, 2686-2699.	2.2	2
1052	é«~¼ç°”ç”çš,,é«~â^†è¼¼çž†ââ...%â™â»¶. <i>Science China Materials</i> , 2023, 66, 2128-2145.	3.5	2